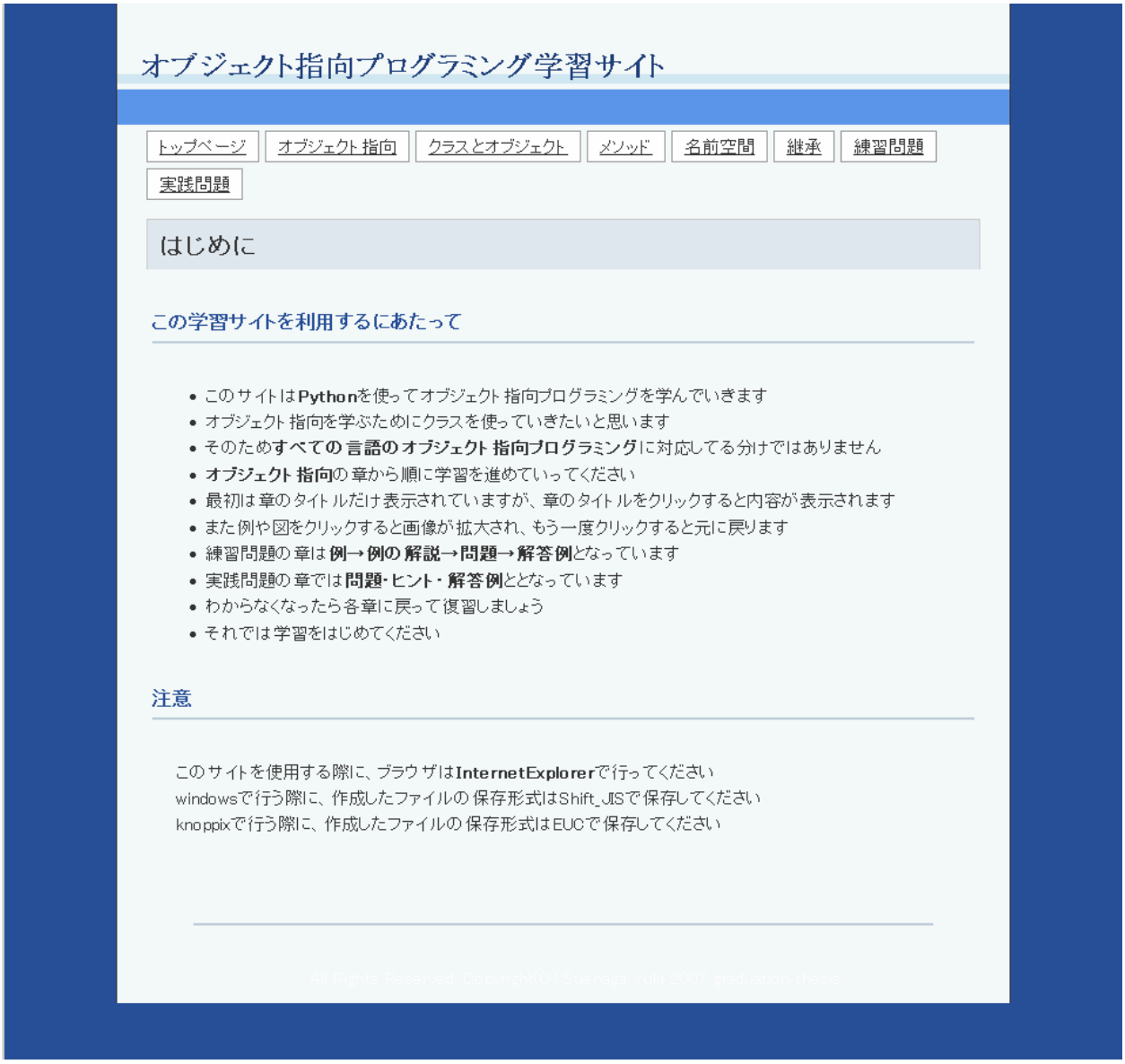
index.html(トップページ)

全体図



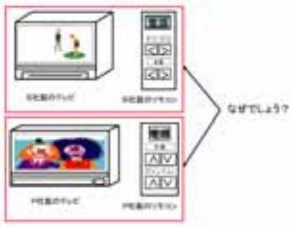
Chapter1.html(オブジェクトの章)

全体図

chapter1.html 図１

chapter1.html 図２

chapter1.html 図３

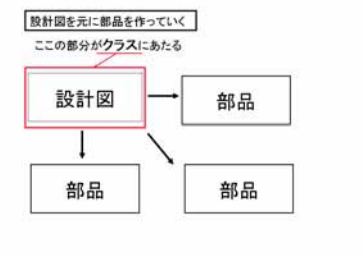


Chapter2.html(クラスとオブジェクトの章)

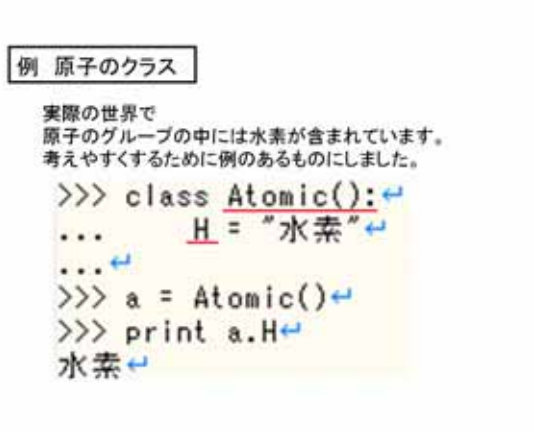
全体図

Chapter2.html 図１

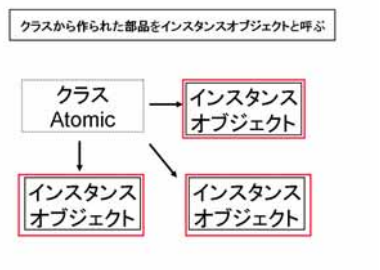
Chapter2.html 図２

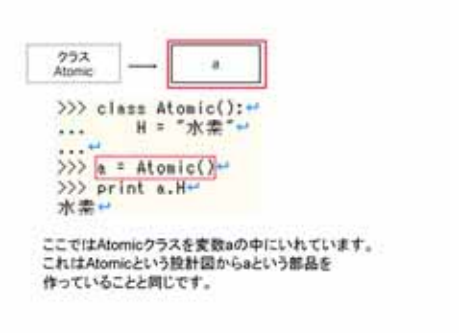


Chapter2.html 図３

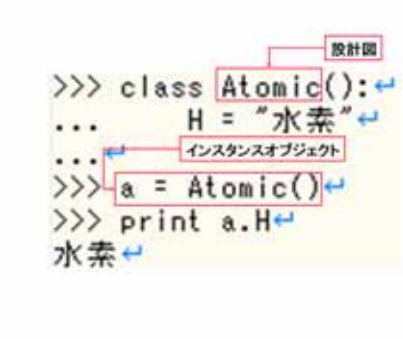


Chapter2.html 図４

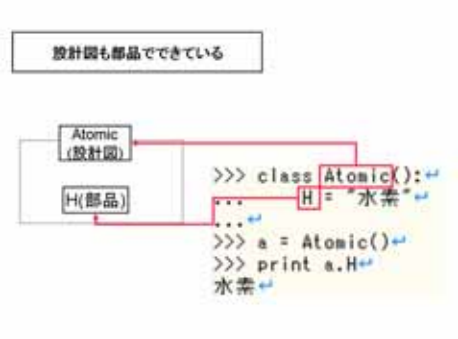




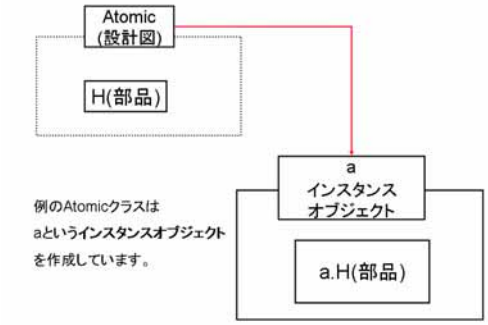
Chapter2.html 図５



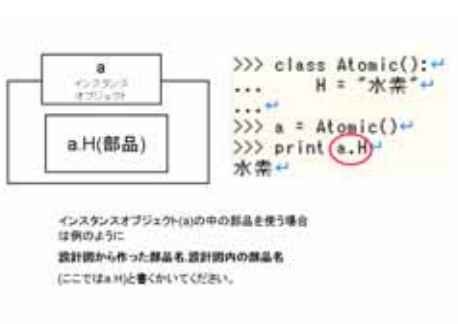
Chapter2.html 図６



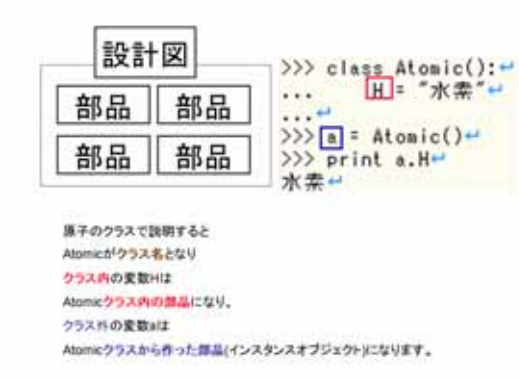
Chapter2.html 図７



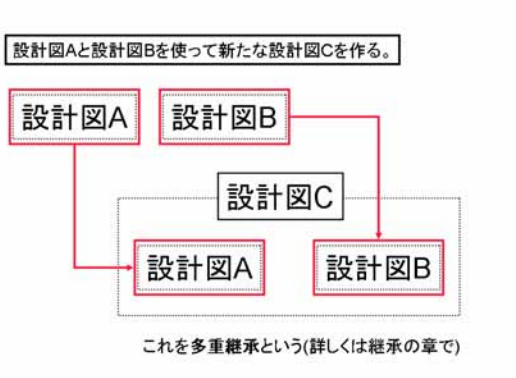
Chapter2.html 図８



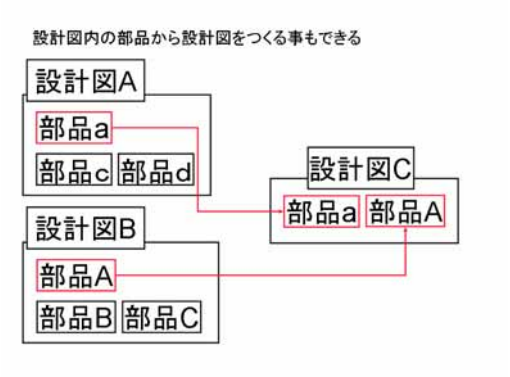
Chapter2.html 図９



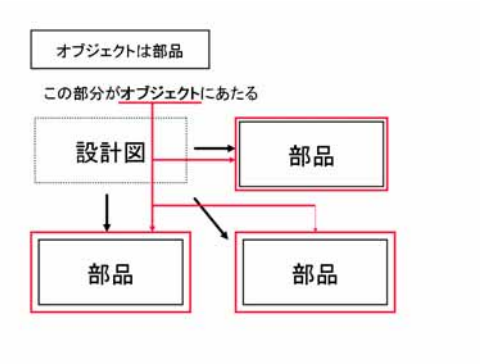
Chapter2.html 図１０



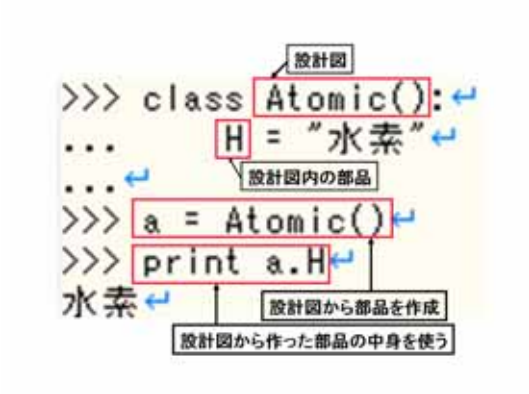
Chapter2.html 図１１



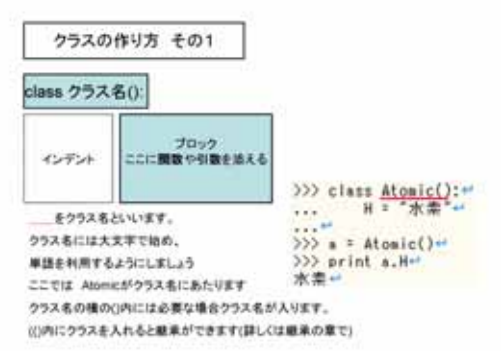
Chapter2.html 図１２



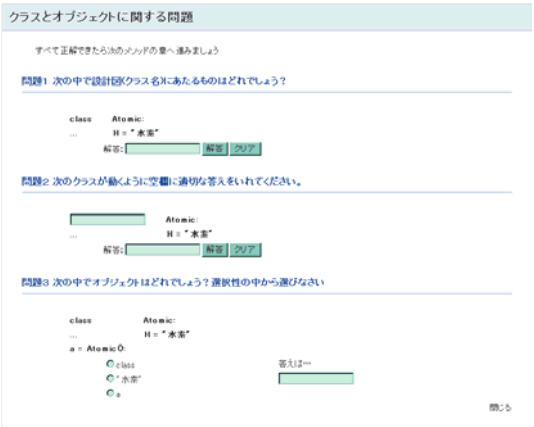
Chapter2.html 図１３



Chapter2.html 図１４



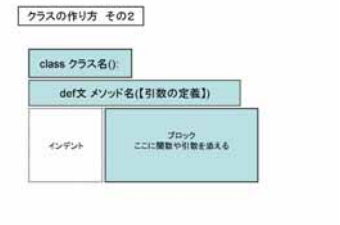
Chapter2.html　問題



Chapter3.html

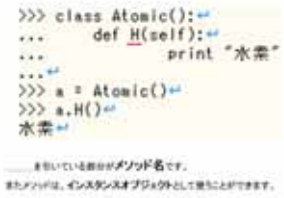
全体図

資料編 capter3 図１



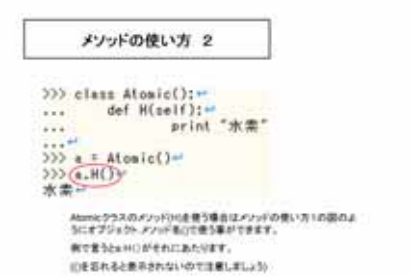
資料編 capter3 図２

資料編 capter3 図３

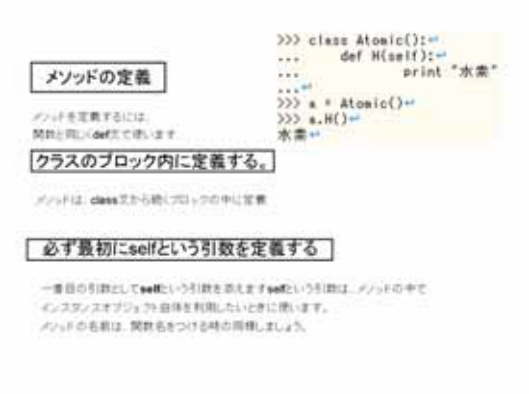


資料編 capter3 図４

資料編 capter3 図５



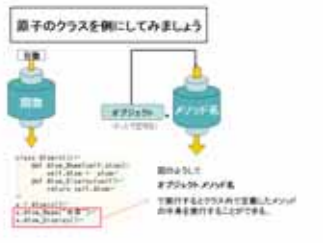
資料編 capter3 図６



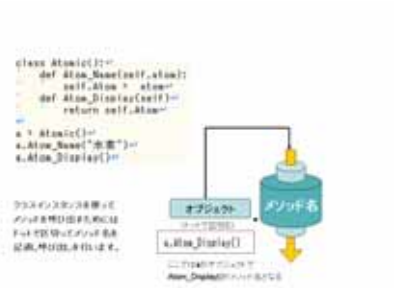
資料編 capter3 図７

資料編 capter3 図８

資料編 capter3 図９

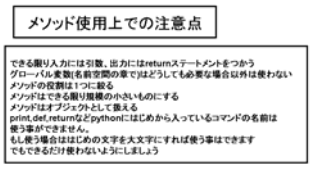


資料編 capter3 図 10



資料編 capter3 図 11

資料編 capter3 図 12

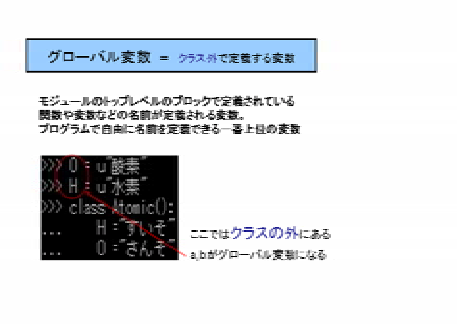


資料編 capter3　問題

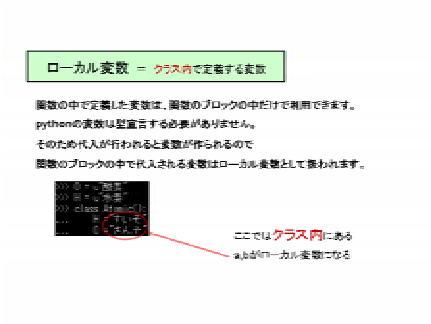
Chapter4.html(名前空間の章)

全体図

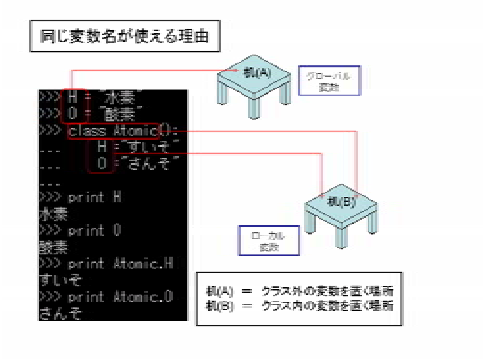
Chapter4.html 図 1



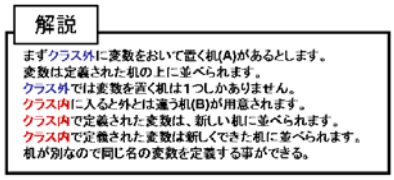
Chapter4.html 図 2



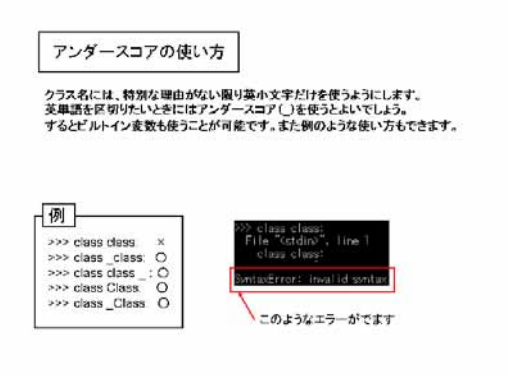
Chapter4.html 図３



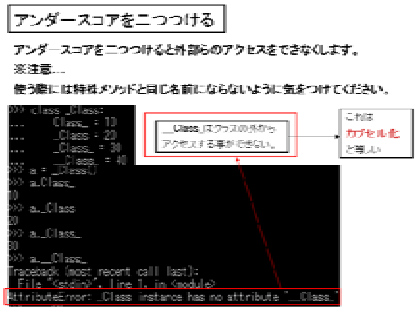
Chapter4.図４



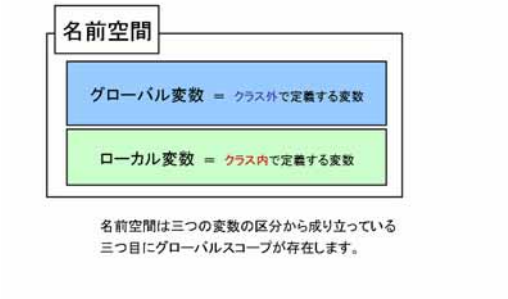
Chapter4.html 図５



Chapter4.図６



Chapter4.html 図７



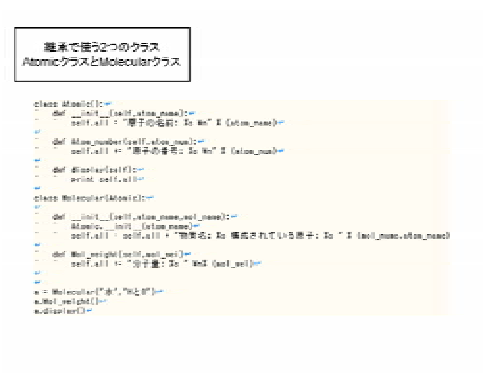
Chapter4.html　問題

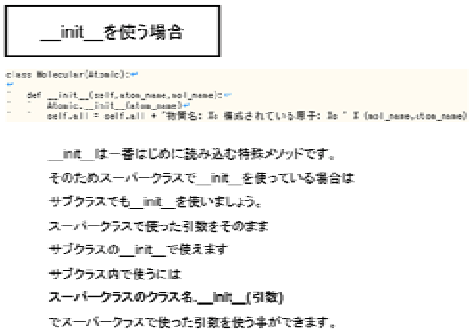
Chapter5.html(継承の章)

全体図

Chapter5　図１

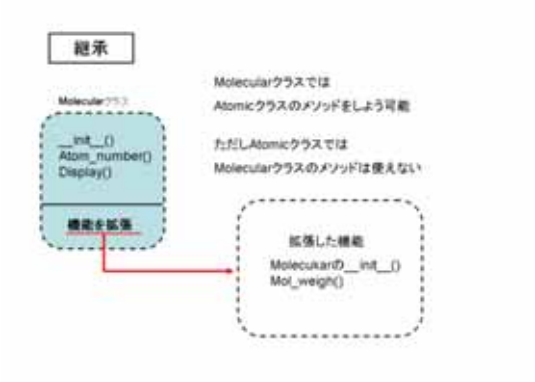
Chapter5　図２

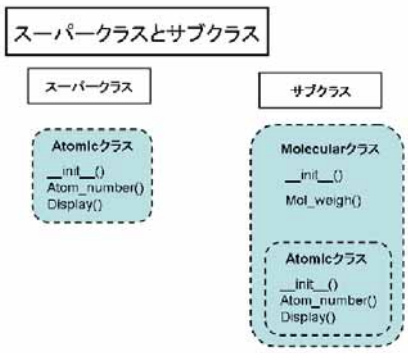




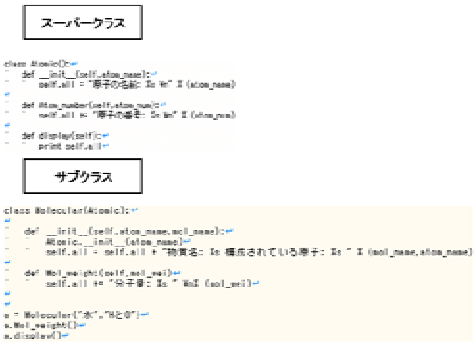
Chapter5 図３

Chapter5 図４

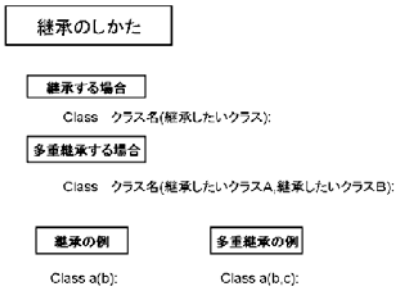




Chapter5 図５



Chapter5 図６



Chapter5 図７

Chapter5　問題

Chapter6.html(練習問題の章)

全体図

練習問題　例１　(図１)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def My_Name(self):
        print "自分の名前"

a = My_Data()
a.My_Name()
```

練習問題　解答例　(図２)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def My_Name(self):
        print "自分の名前をここに記入"
    def My_Nature(self):
        print "自分の性別をここに記入"

a = My_Data()
a.My_Name()
a.My_Nature()
```

練習問題　例２－１　(図３)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import My_Data

a = My_Data()
a.My_Name()
```

練習問題　例２－２　(図４)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def My_Name(self):
        print "ここに自分の名前を記入"
```

練習問題２　解答例その１　(図５)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import My_Data

a = My_Data()
a.My_Name()
a.My_Nature
```

練習問題２　解答例その２　(図６)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def My_Name(self):
        print "ここに名前を記入してください"
    def My_Nature(self):
        print "ここに性別を記入してください"
```

練習問題３　例３－１　　(図７)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import My_Data

a = My_Data()
a.Write_Nature("男")
a.My_Name()
a.Display_Nature()
```

練習問題　例３－２(図８)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():


    def My_Name(self):
        print "ここに名前を記述"
    def Write_Nature(self,My_Nature):
        self.My_NATURE = My_Nature
    def Display_Nature(self):
        print self.My_NATURE
```

練習問題３　解答例その１　(図９)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import My_Data

a = My_Data()
a.Write_Nature("男")
a.Write_Blood_Type("AB")
a.My_Name()
a.Display_My_Nature()
a.Display_My_Blood_Type()
```

練習問題　解答例その２　(図１０)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def My_Name(self):
        print "ここに名前を記述"

    def Write_Nature(self,My_Nature):
        self.MY_NATURE = My_Nature

    def Write_Blood_Type(self,My_Blood_type):
        self.My_BLOOD_TYPE = My_Blood_type

    def Display_My_Nature(self):
        print self.MY_NATURE

    def Display_My_Blood_Type(self):
        print self.My_BLOOD_TYPE
```

練習問題４　例４－１　(図１１)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import My_Data

a = My_Data("ここに名前を記入")
print a
```

練習問題４　４－１　(図１２)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def __init__(self,My_Name):
        self.My_NAME = My_Name
    def __str__(self):
        return self.My_NAME
```

練習問題４　解答例その１　(図１３)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():


    def My_Name(self):
        print "ここに名前を記述"
    def Write_Nature(self,My_Nature):
        self.My_NATURE = My_Nature
    def Display_Nature(self):
        print self.My_NATURE
```

練習問題４　解答例その２(図１４)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import My_Data

a = My_Data("「名前」","「性別」","「血液型」")
print a
```

練習問題５　例５－１　(図１５)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import My_Data

a = My_Data("「名前」","「性別」","「血液型」")
print a
```

練習問題５－２　(図１６)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():

    def __init__(self,My_Name,My_Nature,My_Blood_Type):
        self.My_NAME = My_Name
        self.My_NATURE = My_Nature
        self.My_BLOOD_TYPE = My_Blood_Type

    def __str__(self):
        return self.My_NAME  + self.My_NATURE +  self.My_BLOOD_TYPE
```

練習問題５　解答例その１　(図１７)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import My_Data

a = My_Data("名前を記述","性別を記述","血液型を記述","年齢","生年月日")
a.My Data Display()
```

練習問題５　解答例その２　(図１８)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def __init__(self,My_Name,My_Nature,My_Blood_Type,My_Age,My_Brith):
        self.MY_NAME = My_Name
        self.MY_NATURE = My_Nature
        self.MY_BLOOD_TYPE = My_Blood_Type
        self.MY_AGE = My_Age
        self.MY_BRITH = My_Brith

    def My_Data_Display(self):
        print "名前: %s 性別: %s " % (self.MY_NAME,self.MY_NATURE)
        print "血液型: %s 年齢: %s " %(self.MY_BLOOD_TYPE,self.MY_AGE)
        print "生年月日: %s " % (self.MY_BRITH)
```

練習問題６　例６－１　(図１９)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import Otani_Student

a = Otani_Student("学部名を記述","学科名を記述","名前を記述","性別を記述")
a.My_Data_Display()
a.Otani_Data_Display()
```

練習問題６　例６－２　(図２０)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def __init__(self,My_Name,My_Nature):
        self.MY_NAME = My_Name
        self.MY_NATURE = My_Nature
    def My_Data_Display(self):
        print "名前: %s 性別: %s " % (self.MY_NAME,self.MY_NATURE)

class Otani_Student(My_Data):

    def __init__(self,Otani_gakubu,Otani_gakka,My_Name,My_Nature):
        self.OTANI_GAKUBU = Otani_gakubu
        self.OTANI_GAKKA = Otani_gakka
        My_Data.__init__(self,My_Name,My_Nature)

    def Otani_Data_Display(self):
        print "学部: %s 学科: %s " % (self.OTANI_GAKUBU,self.OTANI_GAKKA)
```

練習問題６　解答例その１　(図２１)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import Otani_Student

a = Otani_Student("学部名を記述","学科名を記述","学年を記述",
                  "学籍番号を記述","所属ゼミを記述","名前を記述を記述",
                  "性別を記述","血液型を記述","年齢を記述","生年月日を記述")
a.My_Data_Display()
a.Otani_Data_Display()
```

練習問題６　解答例その２　(図２２)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-


class My_Data():
    def __init__(self,My_Name,My_Nature,My_Blood_Type,My_Age,My_Brith):
        self.MY_NAME = My_Name
        self.MY_NATURE = My_Nature
        self.MY_BLOOD_TYPE = My_Blood_Type
        self.MY_AGE = My_Age
        self.MY_BRITH = My_Brith

    def My_Data_Display(self):
        print "名前： %s 性別： %s " % (self.MY_NAME,self.MY_NATURE)
        print "血液型： %s 年齢： %s " %(self.MY_NATURE,self.MY_AGE)
        print "生年月日： %s " % (self.MY_BRITH)

class Otani_Student(My_Data):

    def __init__(self,Otani_gakubu,Otani_gakka,Otani_gakunen,Otani_Number,Otani_Seminer,
                                                My_Name,My_Nature,My_Blood_Type,My_Age,My_Brith):
        self.OTANI_GAKUBU = Otani_gakubu
        self.OTANI_GAKKA = Otani_gakka
        self.OTANI_GAKUNEN = Otani_gakunen
        self.OTANI_NUMBER = Otani_Number
        self.OTANI_SEMINER = Otani_Seminer
        My_Data.__init__(self,My_Name,My_Nature,My_Blood_Type,My_Age,My_Brith)

    def Otani_Data_Display(self):
        print "学部名：%s： 学科名： %s " % (self.OTANI_GAKUBU,self.OTANI_GAKKA)
        print "学籍番号： %s 学年： %s " % (self.OTANI_NUMBER,self.OTANI_GAKUNEN)
        print "所属ゼミ： %s " % (self.OTANI_SEMINER)
```

練習問題７　例７－１　　(図２３)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import Otani_Student , My_Data
a = My_Data("学部名を記述","学科名を記述")
b = Otani_Student("学部名を記述","学科名を記述","名前を記述","性別を記述")
a.Display()
b.Display()
```

練習問題７　例７－２　　(図２４)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def __init__(self,My_Name,My_Nature):
        self.all = "名前: %s ¥n 性別: %s¥n" % (My_Name,My_Nature)
    def Display(self):
        print  self.all

class Otani_Student(My_Data):

    def __init__(self,Otani_gakubu,Otani_gakka,My_Name,My_Nature):

        My_Data.__init__(self,My_Name,My_Nature)
        self.all = self.all + "学部: %s ¥n 学科: %s ¥n" % (Otani_gakubu,Otani_gakka)
```

練習問題７　解答例　その１　(図２５)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

from class_My_Data import Otani_Student , My_Data
a = My_Data("学部名を記述","学科名を記述")

a.My_Blood("AB型")
a.My_Age("22")
a.My_Brith("19850101")

b = Otani_Student("学部名を記述","学科名を記述")

b.Otani_faculty("文学部"):
b.Oatani_gakubu("人文情報")
b.Otani_gakunen("四回生"):
b.Otani_number("0448000"):
b.Otani_Seminer("福田ゼミ"):


a.Display()
b.Display()
```

練習問題７　解答例　その２　(図２６)

```
#!/usr/bin/env python
# -*- coding:Shift_JIS -*-

class My_Data():
    def __init__(self,My_Name,My_Nature):
        self.all = "名前: %s  ¥n性別: %s ¥n" % (My_Name,My_Nature)

    def My_Blood(self,Blood):
        self.all += "血液型 : %s ¥n" % (Blood)

    def My_Age(self,Age):
        self.all += "年齢 : %s ¥n" % (Age)

    def My_Brith(self,Brith):
        self.all += "生年月日: %s ¥n" % (Brith)

    def Display(self):
        print  self.all

class Otani_Student(My_Data):

    def __init__(self,Otani_gakubu,Otani_gakka,My_Name,My_Nature):

        My_Data.__init__(self,My_Name,My_Nature)
        self.all = self.all + "学部: %s  ¥n学科: %s ¥n" % (Otani_gakubu,Otani_gakka)
    def Otani_gakunen(self,gakunen):
        self.all += "学年 :  %s ¥n" % (gakunen)
    def Otani_number(self,number):
        self.all += "学籍番号: %s ¥n" % (number)
    def Otani_Seminer(self,seminer):
        self.all += "所属ゼミ :  %s ¥n" % (seminer)
```

Chapter7.html

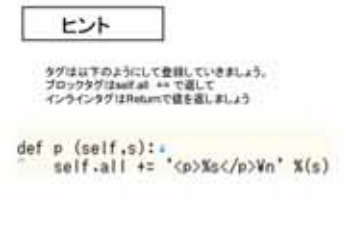
全体図

実践問題１

ヒントの画像１　(ヒント図１)

ヒントの画像２　(ヒント図２)

ヒントの画像３　(ヒント図３)



実践問題１　解答例その１　(解答例図１)

```
#!/usr/bin/env python
# -*- coding:shift-jis -*-

from class_html  import HTML
h = html("HTMLクラス")
h.p("このアドレスは大谷大学のアドレスです" + h.a("大谷大学のHP", "http://www.otani.ac.jp"))
h.p("大谷大学生")
h.table_begin("1")
h.tr(h.td("学部:") + h.td("学科:") )
h.tr(h.td("学年:") + h.td("学籍番号:") )
h.tr(h.td("所属ゼミ:"))
h.table_begin()
h.end()
h.display()
```

実践問題１　解答例その１　(解答例図２)

```
<meta http-equiv="Contnet-Type" content="text/html;charset=euc-jp">
<title>%s</title>
</head>
""" % (title)

    def p (self,s):
        self.all += '<p>%s</p>¥n' %(s)
    def h1 (self,s):
        self.all += '<h1>%s</h1>¥n' %(s)
    def a (self,url,a):
        return '<a href="%s">%s</a>' % (url,a)
    def end(self):
        self.all += '</body>¥n</html>¥n'

    def ol_begin(self):
        self.all += '<ol>¥n'
    def ol_end(self):
        self.all += '</ol>¥n'
    def ul_begin(self):
        self.all += '<ul>¥n'
    def ul_end(self):
        self.all += '</ul>¥n'
    def li (self,s):
        return '¥n<li>%s</li>' % (s)

    def table_begin(self,border=""):
        self.all += '<table border="%s">¥n' % (border)
    def table_end(self):
        self.all += '</table>¥n'

    def tr(self,s):
        self.all += '<tr>%s</tr>¥n' % (s)
    def td(self,s):
        return '<td>%s</td>' % (s)

    def dl(self,s):
        self.all += '<dl>¥n%s¥n</dl>¥n' % (s)
    def dd(self,s):
        return '<dd>%s</dd>¥n' % (s)
    def dt(self,s):
        return '<dt>%s</dt>' % (s)
    def display(self):
        end()
        print self.all
```

実践問題２　解答例　その２　(解答例図２)

```
#!/usr/bin/env python
# -*- coding:euc-jp -*-


class HTML:
    def __init__(self, title='New title'):
        self.all = '''<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<meta http-equiv="Contnet-Type" content="text/html;charset=euc-jp">
<title>%s</title>
</head>
''' % (title)

    def p (self,s):
        self.all += '<p>%s</p>¥n' %(s)
    def h1 (self,s):
        self.all += '<h1>%s</h1>¥n' %(s)
    def a (self,url,a):
        return '<a href="%s">%s</a>' % (url,a)
    def end(self):
        self.all += '</body>¥n</html>¥n'

    def ol_begin(self):
        self.all += '<ol>¥n'
    def ol_end(self):
        self.all += '</ol>¥n'
    def ul_begin(self):
        self.all += '<ul>¥n'
    def ul_end(self):
        self.all += '</ul>¥n'
    def li (self,s):
        return '¥n<li>%s</li>' % (s)

    def table_begin(self,border=""):
        self.all += '<table border="%s">¥n' % (border)
    def table_end(self):
        self.all += '</table>¥n'

    def tr(self,s):
        self.all += '<tr>%s</tr>¥n' % (s)
    def td(self,s):
        return '<td>%s</td>' % (s)

    def dl(self,s):
        self.all += '<dl>¥n%s¥n</dl>¥n' % (s)
    def dd(self,s):
        return '<dd>%s</dd>¥n' % (s)
    def dt(self,s):
        return '<dt>%s</dt>' % (s)
    def display(self):
        end()
        print self.all
```

実践問題２　解答例　その２　(解答例図４)

```
#!/usr/bin/env python
# -*- coding:shift-jis -*-

from class_html  import HTML
h = html("HTMLクラス")
h.p("このアドレスは大谷大学のアドレスです" + h.a("大谷大学のHP", "http://www.otani.ac.jp"))
h.p("大谷大学生")
h.table_begin("1")
h.tr(h.td("学部:") + h.td("学科:") )
h.tr(h.td("学年:") + h.td("学籍番号:") )
h.tr(h.td("所属ゼミ:"))
h.table_begin()
h.end()
h.display()
```

実践問題３　ヒント画像　(ヒント図４)

実践問題３　解答例その１　(解答例図５)

```
#!/usr/bin/env python
# -*- coding:euc-jp -*-

from class_html import CGI

h = CGI_test("検査画面")
h.p("大学のホームページ" + h.a("abc", "http://www.otani.ac.jp"))
h.p("大谷大学生")
h.ol_begin("1")
h.p(h.li("学部：") + h.li("学科：") + h.li("学籍番号："))
h.ol_end()
h.ul_begin()
h.p(h.li("学年：") + h.li("ゼミ"))
h.ul_end()
h.end()
h.display()
```

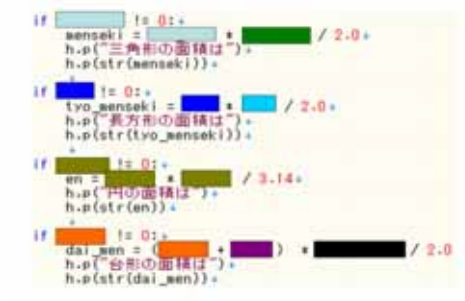
実践問題３　解答例　その２　(解答例図６)

```
class CGI(HTML):
    def __init__(self, title='New title'):
        import cgi, cgitb
        self.form = cgi.FieldStorage()
        HTML.__head__(self,title='New title')
        self.all = "Content-type: text/html¥n¥n' + self.all

    def get_str(self, Name):
        return self.form.getfirst(Name, '')

    def get_int(self, Name):
        return int(self.form.getfirst(Name, 0))

    def get_float(self, Name):
        return float(self.form.getfirst(Name, 0))

    def form_begin(self,action,met="POST"):
        self.all += '<form action= "%s" method="%s">¥n' % (action,met)
    def form_end(self):
        self.all += '</form>¥n'
    def input_type(self,write,title):
        self.all += '<input type="%s" name="%s">¥n' % (write,title)

    def textarea(self,title):
        return '<textarea name="%s"></textarea>' % (title)
    def textarea_size(self,title,high,width):
        return '<textarea name="%s" cols="%s" rows="%s" wrap="%s"></textarea>' % (title,high,width)

    def input_line(self,Name,Value=""):
            return '<input type="text" name="%s" value="%s">¥n' % (Name, Value)
    def input_text(self, Name, Value=""):
            return '<textarea name="%s">%s</textarea>' % (Name,Value)
    def b_send(self, Name):
        return '<input type="submit" value="%s">' % (Name)
    def b_clear(self, Name):
        return '<input type="reset" value="%s">' % (Name)
```

実践問題４　ヒントの画像１　(ヒント図５)

実践問題４　ヒントの画像２　(ヒント図６)

実践問題４　ヒントの画像３(ヒント図７)



実践問題４　ヒントの画像４　(ヒント図８)

実践問題４　解答例　その１(解答例図７)

```
#!/usr/bin/env python
# -*- coding:euc-jp -*-


class HTML:
    def __init__(self, title='New title'):
        self.all = '''<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<meta http-equiv="Contnet-Type" content="text/html;charset=euc-jp">
<title>%s</title>
</head>
''' % (title)

    def p (self,s):
        self.all += '<p>%s</p>¥n' %(s)
    def h1 (self,s):
        self.all += '<h1>%s</h1>¥n' %(s)
    def a (self,url,a):
        return '<a href="%s">%s</a>' % (url,a)
    def end(self):
        self.all += '</html>¥n'

    def ol_begin(self):
        self.all += '<ol>¥n'
    def ol_end(self):
        self.all += '</ol>¥n'
    def ul_begin(self):
        self.all += '<ul>¥n'
    def ul_end(self):
        self.all += '</ul>¥n'
    def li (self,s):
        return '¥n<li>%s</li>' % (s)

    def table_begin(self,border=""):
        self.all += '<table border="%s">¥n' % (border)
    def table_end(self):
        self.all += '</table>¥n'

    def tr(self,s):
        self.all += '<tr>%s</tr>¥n' % (s)
    def td(self,s):
        return '<td>%s</td>' % (s)

    def dl(self,s):
        self.all += '<dl>¥n%s¥n</dl>¥n' % (s)
    def dd(self,s):
        return '<dd>%s</dd>¥n' % (s)
    def dt(self,s):
        return '<dt></dt>%s' % (s)


    def display(self):
        print self.all
```

実践問題４　解答例　その２(解答例図８)

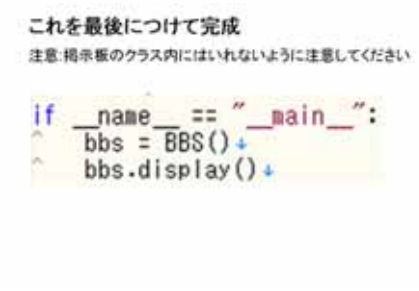
```
#!/usr/bin/env python
# -*- coding:euc-jp -*-

from html import CGI

h = CGI("面積計算")

san_tate = h.get_float("san_tate")
san_yoko = h.get_float("san_yoko")

tate = h.get_float("tate")
yoko = h.get_float("yoko")

hankei = h.get_float("hankei")

joutei = h.get_float("joutei")
katei = h.get_float("katei")
dai_takasa = h.get_float("dai_takasa")



h.p("いろいろな計算をしてみよう")
h.form_begin("menseki_html.cgi")
h.h1("三角形")
h.p("高さ：" + h.input_line("san_tate"))
h.p("底辺：" + h.input_line("san_yoko"))

h.h1("長方形")
h.p("縦：" + h.input_line("tate"))
h.p("横：" + h.input_line("yoko"))

h.h1("円")
h.p("半径:" + h.input_line("hankei"))

h.h1("台形")
h.p("上底：" + h.input_line("joutei"))
h.p("下底：" + h.input_line("katei"))
h.p("高さ：" + h.input_line("dai_takasa"))

h.p(h.b_send("送信") +  h.b_clear("削除"))
h.form_end()
h.end()

if san_tate != 0:
    menseki = san_tate * san_yoko / 2.0
    h.p("三角形の面積は")
    h.p(str(menseki))

if tate != 0:
    tyo_menseki = tate * yoko / 2.0
    h.p("長方形の面積は")
    h.p(str(tyo_menseki))

if hankei != 0:
    en = hankei * hankei / 3.14
    h.p("円の面積は")
    h.p(str(en))

if joutei != 0:
    dai_men = (joutei + katei)  * dai_takasa / 2.0
    h.p("台形の面積は")
    h.p(str(dai_men))

h.display()
```

実践問題５　ヒントの画像１(ヒント図９)　実践問題　５ヒントの画像２(ヒント図１０)

実践問題５　ヒントの画像３(ヒント図１１)　実践問題５　ヒントの画像４(ヒント図１２)

実践問題５　ヒントの画像５(ヒント図１３)　実践問題５　ヒントの画像６(ヒント図１４)

実践問題５　ヒントの画像７(ヒント図１５)　実践問題５　ヒントの画像８(ヒント図１６)



実践問題５　解答例　その１(解答例図９)　実践問題５　解答例　その２(解答例図１０)

実践問題　解答例　その３　(解答例図１１)

```
#!/usr/bin/env python
# -*- coding:euc_jp -*-

from html import HTML, CGI
import os.path
from time import localtime, strftime

class BBS(CGI):
    def __init__(self):
        CGI.__init__(self,"掲示板")
        self.shimei = CGI.get_str(self, "shimei")
        self.kiji = CGI.get_str(self, "kiji")

    def getDateTime(self):
        date_time = strftime("%Y/%m/%d, %H/%M:%S" , localtime())
        return date_time

    def write_kiji(self):
        now = self.getDateTime()
        self.kiji = self.kiji.replace("¥n", "<br>")
        data = self.dt(self.shimei + "(" + now + ")")
        data += self.dd(self.kiji)
        bbs_data = open("bbs.data","a")
        bbs_data.write(data)
        bbs_data.close()

    def display_data(self):
        if os.path.exists("bbs.data"):
            kiji = "</dl>¥n"
            kiji_bango = 0
            bbs_data = open("bbs.data")
            line = bbs_data.readline()
            while line != '':
                if "<dt>" in line:
                    kiji_bango += 1
                    line = "<dt>" + str(kiji_bango) + ". " + line[4:]
                    kiji = line + kiji
                line = bbs_data.readline()
            bbs_data.close()
            self.all += "¥n<dl>¥n" + kiji
        else:
            self.all += "File Not Found"

    def display_form(self):
        self.form_begin("BBS.cgi")
        self.p("投稿フォーム")
        self.p("名前：" + self.input_line("shimei"))
        self.p("記事：" + self.input_text("kiji"))
        self.p(self.b_send("送信") + self.b_clear("クリア"))
        self.form_end()

    def display(self):
        if self.kiji != "":
            self.write_kiji()
        self.display_data()
        self.display_form()
        print self.all

if __name__ == "__main__":
    bbs = BBS()
    bbs.display()
```