

## 初心者向け問題集 解答編

(1)

```
print "Hello there"
```

(2)

```
a = 6  
b = 5  
print a + b
```

(3)

```
a = 1
```

(4)

```
a = [1, 2, 3, 4, 5]
```

(5)

```
a = ["mo", "ji", "re", "tu"]
```

(6)

```
print a[0]  
print a[2]  
print a[2:]
```

(7)

```
for i in a:  
    print i
```

(8)

```
for i in a:  
    print "%s," % (i),
```

(9)

```
sum = 0  
for i in a:  
    sum += i
```

```
print sum
```

(10)

```
x = ["a", "b", "c", "d"]
print x[1]
```

(11)

```
x = "mojiretu"
for i in x:
    print i
```

(12)

```
x = range(0, 6)
y = x
print y
```

(13)

```
x = range(5, 11)
y = x
print y
```

(14)

```
sum = 0
for i in range(0, 11):
    sum += i
print sum
```

(15)

```
print (38 + 91) / 2
```

(16)

```
x = 38
y = 91
heikinchi = x + y / 2
print heikinchi
```

(17)

```
x = 2
y = 4
if x > y:
    print x
else:
    print y
```

(18)

```
print "x と y ではどちらが大きいですか"
x = raw_input("x の数を入力してください\n")
y = raw_input("y の数を入力してください\n")
if x > y:
    print "大きいのは x です"
else:
    print "大きいのは y です"
```

(19)

```
import sys
goukeichi = 0
for i in sys.argv[1:]:
    goukeichi += int(i)
print goukeichi
```

(20)

```
import sys
goukeichi = 0
x = 0
for i in sys.argv[1:]:
    goukeichi += float(i)
    x += 1
heikinchi = goukeichi / x
print heikinchi
```

(21)

```
for i in range(1, 11):  
    print i
```

(22)

```
list = ["A", "B", "C", "D"]  
i = 0  
for i in range(0, 4):  
    for j in range(1, 14):  
        print list[i], j,  
    print
```

(23)

```
a = 8  
b = 63  
for i in range(0, 11):  
    c = (a + i) * 6  
    d = b + i  
    if c == d:  
        print i
```

(24)

```
a = 1  
b = a  
print "変数 a の値は", a, "です。"  
print "変数 b の値も", b, "です。"  
a = 2  
print "変数 a の値が", a, "になりました。"
```

(25)

```
a = 5  
b = 3  
c = a * b  
print c
```

(26)

```
a = 2
```

```
b = 5
c = b * a / 2
print c
```

(27)

```
a = 2
b = 5
print a
print b
print "値の入れ替え"
c = b
b = a
a = c
print a
print b
```

(28)

```
r = 3
pi = 3.141592654
enshu = (r+r)*pi
menseki = r*r*pi
print enshu
print menseki
```

(29)

```
a = 6
b = 4
shou = a / b
amari = a % b
print "商は", shou
print "余りは", amari
```

(30)

```
a = raw_input("aの値を代入してください\n")
if a > 0:
    print "aは正です"
```

```
else:  
    print "aは負です"
```

(31)

```
a = raw_input("aの値を代入してください\n")  
b = int(a) % 2  
if b == 0:  
    print "aは偶数です"  
else:  
    print "aは奇数です"
```

(32)

```
print "1+1はなんですか"  
a = raw_input("答えを入力してください\n")  
if a == "2":  
    print "ピンポン正解です"  
elif a != "2":  
    print "ぶー不正解です"  
else:  
    print "うーん残念です"
```

(33)

```
for i in [3, 2, 1]:  
    print i
```

(34)

```
for i in [2, 4, 6]:  
    print i
```

(35)

```
total = (12*9+15*7)*1.05  
print "10000 - %s = %s" % (total, 10000 - total)  
print "5000 - %s = %s" % (total, 5000 - total)  
print "1000 - %s = %s" % (total, 1000 - total)
```

(36)

```
print "私の名前は太郎です"  
print "どうぞよろしく"
```

(37)

```
base = 2000  
add = 250  
i = 0  
j = 0  
for i in range(10, 21):  
    print "%d 時間: %d 円" % ( i, base + add * j)  
    j += 1
```

(38)

```
base = 3780  
x = raw_input("通話時間を入力してください\n")  
y = raw_input("メール送信数を入力してください\n")  
tuwajikan = int(x) * 20  
merusosin = int(y) * 5  
getugakuryokin = base + tuwajikan + merusosin  
print "月額使用料金は", getugakuryokin, "です"
```

(39)

```
Q = raw_input("こどもの日、母の日、父の日のうち祝日なのは?\n")  
if Q == "こどもの日":  
    print "正解です。"  
else:  
    print "不正解です。"
```

(40)

```
import sys  
goukeichi = 0  
for i in sys.argv[1:]:  
    if i == "0":  
        break  
    else:  
        goukeichi += int(i)
```

```
print goukeichi
```

(41)

```
import sys
goukeichi = 0
for i in sys.argv[1:]:
    if i == "0":
        break
    else:
        goukeichi += int(i)
        print goukeichi
```

(42)

```
Q = raw_input("誕生月を入力してください。¥n")
if Q == "1月":
    print "ガーネット"
elif Q == "2月":
    print "アメジスト"
elif Q == "3月":
    print "アクアマリン"
elif Q == "4月":
    print "ダイヤモンド"
elif Q == "5月":
    print "エメラルド・ヒスイ"
elif Q == "6月":
    print "ムーンストーン"
elif Q == "7月":
    print "ルビー"
elif Q == "8月":
    print "ペリドット"
elif Q == "9月":
    print "サファイア"
elif Q == "10月":
    print "オパール・トルマリン"
elif Q == "11月":
    print "トパーズ"
```



```
elif Q == "12月":  
    print "ターコイズ・ラビスラズリ"
```

(43)

```
import sys  
saidaichi = 0  
for i in sys.argv[1:]:  
    if saidaichi < i:  
        saidaichi = i  
print saidaichi
```

(44)

```
sum = 0  
while 1:  
    x = int(raw_input("税抜き価格を入力してください。¥n"))  
    if x == 0:  
        break  
    y = int(raw_input("個数を入力してください。¥n"))  
    sum += x * y  
print sum * 1.05
```

(45)

```
list = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]  
while 1:  
    x = int(raw_input("何番目の棚か入力してください。¥n"))  
    if x > 20:  
        break  
    print list[x-1]
```

(46)

```
import sys  
Max = sys.argv[1:]  
Max.sort()  
Max.reverse()  
print Max[0:]
```

(47)

```
x = raw_input("1文字入力してください\n")
if x >= "a" and x <= "z":
    print "小文字です"
elif x >= "A" and x <= "Z":
    print "大文字です"
else:
    print "英文字以外の文字です"
```

(48)

```
x = raw_input("アルファベットの10番目の文字は?\n")
if x == "j" or x == "J":
    print "正解"
else:
    print "不正解"
```

(49)

```
html = """<html>
<head>
<title></title>
</head>
<body>
<table>
"""
```

```
for i in range(5):
```

```
    a = int(raw_input("原価を入力してください。 \n"))
```

```
    b = a * 1.3
```

```
    c = b * 0.05
```

```
    d = b + c
```

```
    html += "<tr>\n<td>%d</td><td>%d</td><td>%d</td>\n</tr>\n" % (b, c, d)
```

```
html += """
```

```
</table>
```

```
</body>
```

```
</html>
```

"""

```
fout = open("result.html", "w")  
fout.write(html)  
fout.close()
```

(50)

```
sum = 0  
for x in range(1, 101):  
    sum += x  
print sum
```

(51)

```
print "Hello!"
```

(52)

```
print "おはよう。こんにちわ。こんばんわ。"
```

(53)

```
for i in range(0, 11):  
    print "%d*%d=%d" % (i, i, i*i)
```

(54)

```
joutei = 2  
katei = 3  
takasa = 4  
menseki = (joutei+katei)*takasa/2  
print menseki
```

(55)

```
x =10  
print x+1
```

(56)

もう一つ別の変数を作り、それに代入する。

(57)

```
r = 300000
d = r*60*60*24
print d
```

(58)

```
x = raw_input("年齢を入力してください\n")
y = raw_input("年齢を入力してください\n")
a = (int(x) + int(y)) / 2
print "二人の年齢の平均は", a, "歳です"
```

(59)

```
x = raw_input("降水確率を入力してください\n")
if int(x) > 100:
    print "降水確率は0~100 までの間です"
elif int(x) >= 50:
    print "傘を忘れずに"
else:
    print "傘はいりません"
```

(60)

```
x = raw_input("現在の時刻(時だけでよい)を入力してください\n")
if 0 <= int(x) and int(x) <= 11:
    print "おはようございます"
elif int(x) == 12:
    print "お昼です"
elif 13 <= int(x) and int(x) <= 18:
    print "こんにちは"
elif 19 <= int(x) and int(x) <= 23:
    print "こんばんわ"
else:
    print "時刻の範囲を超えています"
```

(61)

```
print "飲み物は何が好きですか"
print ""1:オレンジジュース
2:コーヒー
```

```
3:それ以外""
x = raw_input("番号を入力してください\n")
if x == "1":
    print "オレンジジュースです"
elif x == "2":
    print "コーヒーです"
else:
    print "どちらでもありません"
```

(62)

```
print "飲み物は何が好きですか"
print ""1:オレンジジュース
2:コーヒー
3:それ以外""
x = raw_input("番号を入力してください\n")
if x == "1":
    print "オレンジジュースです"
elif x == "2":
    print "コーヒーです"
else:
    print "どちらでもありません"
```

(63)

```
print ""0:日曜日
1:月曜日
2:火曜日
3:水曜日
4:木曜日
5:金曜日
6:土曜日""
x = raw_input("0~6の数字を入力してください。対応した曜日を表示します\n")
if x == "0":
    print "日曜日"
elif x == "1":
    print "月曜日"
elif x == "2":
```

```
    print "火曜日"
elif x == "3":
    print "水曜日"
elif x == "4":
    print "木曜日"
elif x == "5":
    print "金曜日"
elif x == "6":
    print "土曜日"
else:
    try:
        y = int(x)
        print "0~6 までの範囲で入力してください"
    except:
        print "数字を入力してください"
```

(64)

```
for i in range(0, 3):
    print i,
```

(65)

```
for i in range(0, 10):
    print "%d*d=%d" % (i, i, i*i)
for i in range(0, 10):
    print "%d*d*d=%d" % (i, i, i, i*i*i)
```

(66)

```
for i in range(0, 10):
    print i,
    for j in range(i*i):
        print "*",
    print
```

(67)

```
for i in range(1, 10):
    for j in range(1, 10):
```

```
    print "%d*d=%d" % (i, j, i*j),  
print
```

(68)

```
import string  
x = "Otani"  
for i in range(len(x)):  
    print x[i].lower()
```

(69)

```
print 10000 / 2
```

(70)

```
for i in range(0, 6):  
    x = 20 - (i * 4)  
    for j in range(0, x):  
        print "*",  
    print  
for i in range(1, 6):  
    x = i * 4  
    for j in range(0, x):  
        print "*",  
    print
```

(71)

```
print (63 + 90 + 75) / 3
```

(72)

```
import sys  
saidaichi = sys.argv[1]  
for i in sys.argv[2:]:  
    if i > saidaichi:  
        saidaichi = i  
print saidaichi
```

