

```
#1  
total=0  
for i in range(1,21):  
    total+=i  
print(total)
```

```
#2,3  
total=0  
for i in range(1,11):  
    #if i%4==0: total+=i  
    if i%4!=0: total+=i  
print(total)
```

```
#4  
for i in range(1,11):  
    if i**2<=20: print(i)
```

```
#5  
x=[3,1,2,7]  
total=0  
for i in x:  
    total+=i  
print(total)
```

```
#6  
i=1  
while True:  
    if i%6==0 and i%9==0:  
        break  
    i=i+1  
print(i)
```

```
#7  
for i in range(1,11):  
    if 10%i==0:  
        print(i)
```

```
#11  
def sumN(n):  
    total=0  
    for i in range(1,n+1):  
        total+=i  
    return total  
print(sumN(3))
```

```
#12,13  
def sum4(n):  
    total=0  
    for i in range(1,n+1):  
        if i%4==0: total+=i  
        #if i%4!=0: total+=i  
    return total  
print(sum4(5))
```

```
#14  
def sqrt2(n):  
    y=[]  
    for i in range(1,11):  
        if i**2<=20: y.append(i)  
    return y  
print(sqrt2(10))
```

```
#15  
x=[2,1,3,4]  
def sumX(x):  
    total=0  
    for i in x:  
        total+=i  
    return total  
print(sumX(x))
```

```
#16  
def mm(a,b):  
    i=1  
    while True:  
        if i%a==0 and i%b==0:  
            return i  
        break  
    i=i+1  
print(mm(6,7))
```

```
#17  
def dv(n):  
    y=[]  
    for i in range(1,n+1):  
        if n%i==0:  
            y.append(i)  
    return y  
print(dv(10))
```

```
#111
def add(a,b):
    return a+b
print(add(6,7))
```

```
#112
def oe(n):
    if n%2==0: y='짝수'
    else: y='홀수'
    return y
print(oe(3),oe(4))
```

```
#113
def m3(n):
    if n%3==0: y='3의배수'
    else: y='3의배수아님'
    return y
print(m3(6),m3(7))
```

```
#114
def min2(a,b):
    if a<b: return a
    else: return b
print(min2(6,7))
```

```
#115
x=[2,1,7,9]
def rangeX(x):
    x.sort()
    return x[-1]-x[0]
print(rangeX(x))
```

```
#116
def reverse_int(n):
    y=str(n)
    z=y[::-1]
    return int(z)
print(reverse_int(12345))
```

```
#117
def summ(*x):
    y=0
    for i in x:
        y+=i
    return y
print(summ(1,2), summ(1,2,3))
```

```
#1111
z=0
def add(a):
    global z
    z+=a
    return z
print(add(1),add(4))
print(z)
```

```
#1112
class cal4:
    def add(self,first,second):
        self.first = first
        self.second = second
        result = self.first + self.second
        return result

x=cal4(); x.add(4,5)
```