

Practice_Problem_1

```
In [ ]: sum=0
m=-15
while m<=-1:
    n=2
    while n<=6:
        if n%4==2:
            sum = 5-n-1*m+0.0
        else:
            sum = 1-n%5-1*m
        print(sum)
        n+=2
    m+=4
```

Practice_Problem_2

```
In [ ]: i=-149
while i<0:
    for j in range(34, -1, -20):
        k = float(j//2)+int(i/2)
        if k%2==0:
            print(j+k+i)
        else:
            print(j,k,i)
    i+=30
```

Practice_Problem_3

```
In [ ]: for i in range(10,-11,-6):
j=100
while j>0:
    k=int(i/2)+1+i%j+float(j//2)
    if j%5==1:
        print(k,j)
    elif j%4>=1:
        print(k+j)
    else:
        print(j,k)
    j-=49
print("^__^")
```

Practice_Problem_4

```
In [ ]: sum=0
m=-5
while m <= 5:
    n=2
    while n<10:
        if m < -3:
            sum = 2*m+n%(5.0+2)-1
        elif n % 2 > 0:
            sum = n%7-1*m
        else:
            sum = (m+n)%5
        print(sum)
        n+=3
    m+=4
```

Practice_Problem_5

```
In [ ]: m=8
while m <= 12:
    n=-17
    while n < 6:
        if n%3>0 and 6%m==0:
            print(m+n%7+sum-1)
        elif n%9<0 or m%8<1:
            print(n%8+sum*-1)
        elif m%12<2:
            print(m%14>=2 and n/2<=-5)
        else:
            print(n/m>1 or n%10==7)
        n+=7
    m+=2
```