In [5]:
```python
1  a=19+(5/2)+4%2-6*3
2  b=1/3
3  c=2+3//2%2**2/3-6
4  print(b)
```

0.3333333333333333

In [9]:
```python
1  x=int(input("enter x:"))
2  if x==5:
3      print("heklo")
4  print("well")
```

enter x:6
well

In [ ]:
```python
1  x=int(input("enter x:"))
2  if x>5:
3      print("heklo")
4  else :
5      print("mornni")
6  print("well")
```

In [1]:
```python
1   x=int(input("enter marks:"))
2   if (x>=80 and x<=100):
3       print("distinct")
4   elif (x>=60 and x<=79):
5       print("first class")
6   elif 35>=x>60:
7       print("second class")
8   elif 0>=x>35:
9       print("better luck next")
10  else:
11      print("enter proper no.")
12
```

enter marks:5
enter proper no.

In [ ]:
```python
1   #write a python program to check enterd no. is >20 or not if >20 then check
2   x=int(input("enter marks:"))
3   if (x>20):
4       print("x is g>20")
5       if(x>40):
6           print("x is>40")
7       else:
8           print("less then 40")
9   else:
10          print("less then 20")
```

In [1]:
```python
for i in range (5):
    print(i)
```

```
0
1
2
3
4
```

In [3]:
```python
for i in range(1,5,-1):
    print(i)
```

In [4]:
```python
x="ljiet"
for i in x:
    print(i)
```

```
l
j
i
e
t
```

In [5]:
```python
x=1
while x<=5:
    print(x)
    x+=1
```

```
1
2
3
4
5
```

In [12]:
```python
b=True
while b:
    name=input("enter name:")
    if name=="python":
        b=False
    else:
        b=True
```

```
enter name:ghjmk,
enter name:tghjk
enter name:python
```

In [13]:
```python
x=3
while x>=-3:
    print(x)
    x-=1
```

```
3
2
1
0
-1
-2
-3
```

In [15]:
```python
for i in range (2):
    for j in range(3):
        print("i=",i,"j=",j)
```

```
i= 0 j= 0
i= 0 j= 1
i= 0 j= 2
i= 1 j= 0
i= 1 j= 1
i= 1 j= 2
```

In [18]:
```python
for i in range(1,11):
    if (i==7):
        break
    print(i)
```

```
1
2
3
4
5
6
```

In [27]:
```python
x=1
while x<=11:
        x+=1
        if(i==7):
            print(x)
            break
```

```
2
```

In [30]:
```python
for i in range(1,10):
    if(i==3 or i==7):
        continue
    print(i)
```

```
1
2
4
5
6
8
9
```

In [5]:
```python
i=1
while i<=11:
    if(i==3 or i==7):
            i+=1
            continue
    print(i)
    i+=1
```

```
1
2
4
5
6
8
9
10
11
```

In [9]:
```python
for i in range(1,20):
    if(i%9==0):
        print(i)
    else:
        pass
```

```
9
18
```

In [12]:
```python
for i in range (1,4):
    print(i)
    if (i==2):
        break
else:
        print("hnjb")
```

```
1
2
```

In [ ]:
```python
x=1
while x<=4:
    if i==2:
        break
    print(x)
    i+=1
else:
    print("dfghj")
```

In [3]:
```python
#w pp to find sum and average of first and natural nu. given by user
x=int(input("enter nu.="))
total=0
for i in range(1,x+1):
    total=total+i
print("sum=",total)
print("avg=",total/x)
```

```
enter nu.=45
sum= 1035
avg= 23.0
```

In [1]:
```python
a=int(input("enter nu a.="))
b=int(input("enter nu b.="))
c=int(input("enter nu c.="))
count=0
for i in range(a+1,b):
    if (i%c==0):
        count+=1
    else:
        pass
print(count)


```

```
enter nu a.=50
enter nu b.=70
enter nu c.=7
2
```

w to find leangth of given intiger nu. without using any inbuilt fun.

In [1]:
```python
i=int(input("enter nu="))
temp=i
count=0
while temp%10!=0:
    count+=1
    temp=temp//10
print(count)
```

```
enter nu=456456
6
```

In [6]:
```python
#wpp to print reversed nu. withou using inbuilt fun
x=int(input("enter nu="))
temp=x
rev=0
while x!=0:
    r=x%10
    rev=(rev*10)+r
    x=x//10
print(rev)
```

enter nu=456123
321654

In [ ]:
```python
# wpp to check if given nu. is prime or noot
y=int(input("enter nu="))
for i in range (2,y):
    if(y%i==0):
        print("not prinn")
        break
else:
    print ("prime")
```

In [*]:
```python
n=int(input("enter nu.="))
flag=0
for i in range(2,n):
    if n%i==0:
        flag=1
        break
if flag==0:
    print("prim")
else:
    print("not primt")
```

In [ ]:

In [ ]: