

```
[10]: #write a program to print tables of a given number smaple
n=int(input("enter the number"))
for i in range(1,11,1):
    print(f"{n} x{i}={n*i}")
```

```
enter the number 5
5 x1=6
5 x2=7
5 x3=8
5 x4=9
5 x5=10
5 x6=11
5 x7=12
5 x8=13
5 x9=14
5 x10=15
```

```
[20]: #write a program to calculate sum of 1 to 10 numbers
x=0
for i in range(1,11,1):
    x=x+i
    print(x)
```

```
1
3
6
10
15
21
```



[36]: *#write program to count how many even number are there from 1 to 15*

```
count=0
for i in range(1,16,1):
    if(i%2==0):
        print("i",i)
        count=count+1
        print("count=",count)
```

```
i 2
count= 1
i 4
count= 2
i 6
count= 3
i 8
count= 4
i 10
count= 5
i 12
count= 6
i 14
count= 7
```

```
[2]: #write program for how many number,how many even numbers,how many odd numbers are there is given range
sr=int(input("enter the number"))
er=int(input())
nc=0
ec=0
oc=0
for i in range(sr,er+1,1):
    print("when i=",i)
    nc=nc+1
    print("nc=",nc)
    if(i%2==0):
        ec=ec+1
        print("ec=",ec)
    else:
        oc=oc+1
        print("oc=",oc)
```

```
enter the number 10
20
when i= 10
nc= 1
ec= 1
when i= 11
nc= 2
oc= 1
when i= 12
nc= 3
```



```
nc= 3
ec= 2
when i= 13
nc= 4
oc= 2
when i= 14
nc= 5
ec= 3
when i= 15
nc= 6
oc= 3
when i= 16
nc= 7
ec= 4
when i= 17
nc= 8
oc= 4
when i= 18
nc= 9
ec= 5
when i= 19
nc= 10
oc= 5
when i= 20
nc= 11
ec= 6
```

```
[50]: #write a program to calculate factorial of given number
num=int(input())
fact=1
for i in range(num,0,-1):
```

```
when i= 19
nc= 10
oc= 5
when i= 20
nc= 11
ec= 6
```

[50]: *#write a program to calculate factorial of given number*

```
num=int(input())
fact=1
for i in range(num,0,-1):
    fact=(fact*i)
    print(fact)
```

```
4
4
12
24
24
```

[ ]: