

Sum of integer.

```
num = int(input( "enter a integer: " ))
sum= 0
for i in range(1, num+1):
    sum+= i
    print(sum)
```

```
☞ enter a integer: 10
1
3
6
10
15
21
28
36
45
55
```

16th multiplication table.

```
num =16
for i in range(1, 11):
    print(num, 'x', i, '=', num*i)

16 x 1 = 16
16 x 2 = 32
16 x 3 = 48
16 x 4 = 64
16 x 5 = 80
16 x 6 = 96
16 x 7 = 112
16 x 8 = 128
16 x 9 = 144
16 x 10 = 160
```

To count the number of odd and even numbers in a series.

```
numbers = (1, 2, 3, 4, 5, 6, 7, 8, 9, 10)
odd = 0
even = 0
for x in numbers:
    if not x % 2:
        even+=1
    else:
        odd+=1
print("Number of even numbers :",even)
print("Number of odd numbers :",odd)
```

```
Number of even numbers : 5
Number of odd numbers : 5
```

To count the number of letters and numbers in a string.

```
str = input("Enter a string: ")
a=0
b=0
for c in str:
    if c.isdigit():
        a=a+1
    elif c.isalpha():
        b=b+1
    else:
        pass
print("Letters", b)
print("Digits", a)

Enter a string: welcome1234567
Letters 7
Digits 7
```

Name: Benecia Ravi

Roll no: 201109005

---

✓ 7s completed at 1:03 AM

● ✕