

```
In [ ]: Jayapradha.C  
191109019
```

```
In [2]: sum=0  
while True:  
    n=int(input("enter a number :"))  
    sum+=n  
    if n==(n<0):  
        break  
    print(sum)
```

```
enter a number :3  
3  
enter a number :5  
8  
enter a number :7  
15  
enter a number :8  
23  
enter a number :7  
30  
enter a number :0
```

```
In [3]: n=16  
for i in range(1,11):  
    print(i,"*",n,"=",n*i)
```

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

```
In [5]: n=[1,3,5,6,8,12,33,48,87,96]
```

```
even, odd= 0, 0
```

```
for i in n:
```

```
    if (i % 2 == 0):
```

```
        even += 1
```

```
    else:
```

```
        odd += 1
```

```
    print("even : ", even)
```

```
    print("odd : ", odd)
```

```
even : 0
```

```
odd : 1
```

```
even : 0
```

```
odd : 2
```

```
even : 0
```

```
odd : 3
```

```
even : 1
```

```
odd : 3
```

```
even : 2
```

```
odd : 3
```

```
even : 3
```

```
odd : 3
```

```
even : 3
```

```
odd : 4
```

```
even : 4
```

```
odd : 4
```

```
even : 4
```

```
odd : 5
```

```
even : 5
```

```
odd : 5
```

```
In [6]: strng = input("input a string : ")
        dig=alph=0
        for c in strng:
            if c.isdigit():
                dig+=1
            elif c.isalpha():
                alph+=1
            else:
                pass
        print("letters", alph)
        print("digits", dig)
```

```
input a string : jayapradha2002
letters 1
digits 0
letters 2
digits 0
letters 3
digits 0
letters 4
digits 0
letters 5
digits 0
letters 6
digits 0
letters 7
digits 0
letters 8
digits 0
letters 9
digits 0
letters 10
digits 0
letters 10
digits 1
letters 10
digits 2
letters 10
digits 3
letters 10
digits 4
```

```
In [ ]:
```