In [3]:
```python
#labsheet :2
#pgm no : 1

c=0
while True:
    n=int(input("Values : "))
    if n>=0:
        c+=n
    else:
        break
print("sum :",c)
```

```
Values : 2
Values : 1
Values : 4
Values : 6
Values : -10
sum : 13
```

In [1]:
```python
#Labsheet :2
#pgm no :2

while True:
    m=int(input("Value of M : "))
    n=int(input("Value of N : "))
    s=0
    if m>n:
        print("Value of 'M' should be less then 'N'")
    for i in range(m,n-1):
        if (i%2==0):
            s=s+i
    print("Sum of Even num : ",s)
    q=input("Do you want to quit (Type q)? : ")
    if q=="q":
        break
```

```
Value of M : 1
Value of N : 10
Sum of Even num :  20
Do you want to quit (Type q)? : no
Value of M : 2
Value of N : 10
Sum of Even num :  20
Do you want to quit (Type q)? : no
Value of M : 10
Value of N : 1
Value of 'M' should be less then 'N'
Sum of Even num :  0
Do you want to quit (Type q)? : q
```

In [ ]:

In [6]:
```python
#Labsheet :2
#pgm no : 3

n=int(input('Values : '))
m=int(input('Range ot Multiplication : '))
s=0
for i in range(m):
    s=n*i
    print(n,'x',i,'=',s)
```

```
Values : 4
Range ot Multiplication : 10
4 x 0 = 0
4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
```

In [1]:
```
#Labsheet :2
#pgm no : 4
#case 1:
n=int(input('Values :'))
x = n//100
x1 = (n - x*100)//10
x2 = (n - x*100 - x1*10)
print("The sum of digits in the number is : ", x+x1+x2)
```

```
Values :125
The sum of digits in the number is :  8
```

In [2]:
```
#Labsheet :2
#pgm no : 4
#case 2:
n=int(input('Values :'))
x = n//100
x1 = (n - x*100)//10
x2 = (n - x*100 - x1*10)
print("The sum of digits in the number is : ", x+x1+x2)
```

```
Values :12
The sum of digits in the number is :  3
```

In [3]:
```
#Labsheet :2
#pgm no : 4
#case 3:
n=int(input('Values :'))
x = n//100
x1 = (n - x*100)//10
x2 = (n - x*100 - x1*10)
print("The sum of digits in the number is : ", x+x1+x2)
```

```
Values :2
The sum of digits in the number is :  2
```

In [4]:
```
#Labsheet :2
#pgm no : 4
#case 4:
n=int(input('Values :'))
x = n//100
x1 = (n - x*100)//10
x2 = (n - x*100 - x1*10)
print("The sum of digits in the number is : ", x+x1+x2)
```

```
Values :-15
The sum of digits in the number is :  12
```

In [1]:
```python
#Labsheet :2
#pgm no :5

t=0
c=0
a=0
while True:
  try:
    n=input("Enter a Value : ")
    if (n=="done"):
      break
    v=float(n)
    total=v+t
    c+= 1
    avg=t/c
  except:
    print("Invalid input.")
print("Total : ",t)
print("Total Count : ",c)
print("Average : ",avg)
```

```
Enter a Value : 1
Enter a Value : 4
Enter a Value : 32
Enter a Value : 1
Enter a Value : 23
Enter a Value : q
Invalid input.
Enter a Value : @
Invalid input.
Enter a Value : 1r
Invalid input.
Enter a Value : 11
Enter a Value : 4
Enter a Value : done
Total :  0
Total Count :  7
Average :  0.0
```

In [ ]: