

```
In [2]: ##wap ask user to get the sum of first natural umbers
sum=0
k=1
while k<11:
    sum+=k
    k+=1
print(sum)
```

55

```
In [ ]: #wap ask the user get 5 random numbers and perform the even and odd operation ,calc
```

```
In [6]: import random
even_sum=0
odd_sum=0
k=1
while k<6:
    num=random.randint(1,100)
    if (num%2==0):
        print(f'{num} is Even')
        even_sum+=1
    else:
        print(f'{num} is Odd')
        odd_sum+=1
    k+=1
print(f'The No of Even Numbers are : {even_sum}')
print(f'The No of Odd Numbers are : {odd_sum}')
```

```
19 is Odd
71 is Odd
30 is Even
85 is Odd
23 is Odd
The No of Even Numbers are : 1
The No of Odd Numbers are : 4
```

```
In [ ]: ##get a random number assume it as numbe1
# Ask user to Enter a number , if both matches won give 5 chances
```

```
In [2]: import random
ran =random.randint(1,5)
count=5
k=1
while k<6:
    count-=1
    k+=1
    user_no=eval(input('Please Enter a Number'))
    if(ran==user_no):
        print('You won Lottery')
        break
    else:
        print('Better Luck Next Time',end='->')
        print(f'You have {count} chances Left')
```

```
if(count==0):  
    print('Please try after 24 hours')
```

```
Better Luck Next Time->You have 4 chances Left  
Better Luck Next Time->You have 3 chances Left  
Better Luck Next Time->You have 2 chances Left  
Better Luck Next Time->You have 1 chances Left  
Better Luck Next Time->You have 0 chances Left  
Please try after 24 hours
```

In [ ]: