**PASSING TUPLES TO FUNCTION**

**QUESTION:**

Write a program to input n numbers in tuple and pass it through function to count how many even and odd numbers are entered.

**CODE:**

def tup(T):

count\_even=0

count\_odd=0

for i in T:

if i%2==0:

count\_even+=1

if i%2!=0:

count\_odd+=1

print("Count of even numbers of the tuple:",count\_even)

print("Count of odd numbers of the tuple:",count\_odd)

n=int(input("Enter the number of elements of the tuple: "))

T=()

for i in range(n):

a=int(input("Enter a tuple element: "))

T+=(a,)

print("Tuple:",T)

tup(T)

**OUTPUT:**

Enter the number of elements of the tuple: 6

Enter a tuple element: 1

Enter a tuple element: 2

Enter a tuple element: 3

Enter a tuple element: 4

Enter a tuple element: 5

Enter a tuple element: 6

Tuple: (1, 2, 3, 4, 5, 6)

Count of even numbers of the tuple: 3

Count of odd numbers of the tuple: 3