7.Write a Python program to count the number of even and odd numbers from a series of numbers.

Sample numbers : numbers = (1, 2, 3, 4, 5, 6, 7, 8, 9)

Expected Output :

Number of even numbers : 4

Number of odd numbers : 5

numbers = (1, 2, 3, 4, 5, 6, 7, 8, 9) # Declaring the tuple

count\_odd = 0

count\_even = 0

for X in numbers:

if X % 2==0:

count\_even+=1

else:

count\_odd+=1

print("Number of even numbers :",count\_even)

print("Number of odd numbers :",count\_odd)

O/P:

Input: (1, 2, 3, 4, 5, 6, 7, 8, 9)

Number of even numbers : 4

Number of odd numbers : 5

A screenshot of a computer

Description automatically generated