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

Numbers are = (1, 2, 3, 4, 5, 6, 7, 8, 9)

Output:

Number of even numbers : 5

Number of odd numbers : 4

list1 = [1,2,3,4,5,6,7,8,9]

even\_count, odd\_count = 0, 0

num = 0

# using while loop

while(num < len(list1)):

# checking condition

if list1[num] % 2 == 0:

even\_count += 1

else:

odd\_count += 1

# increment num

num += 1

print("Even numbers in the list: ", even\_count)

print("Odd numbers in the list: ", odd\_count)

output:-

