Q.19) Write a Python program to count number of even numbers and odd numbers in a given set of n numbers

```python
def Even_Odd(numbers):
Even_Count = 0
Odd_Count = 0
for num in numbers:
if num % 2 == 0:
Even_Count += 1
else:
Odd_Count += 1
return Even_Count, Odd_Count

n = int(input("Enter the number of elements: "))
numbers = []
print(f"Enter {n} numbers:")
for _ in range(n):
num = int(input())
numbers.append(num)

Even_Count, Odd_Count = Even_Odd(numbers)

print(f"Even numbers count: {Even_Count}")
print(f"Odd numbers count: {Odd_Count}")
```