

Que\_1: Write a Python program to get the Fibonacci series between 0 to 50

Code:

```
nterms = float(input("How many terms? "))

# first two terms
n1 = float(input('Enter the First Term: '))
n2 = float(input('Enter the Second Term: '))
count = 0
nth = 0

# check if the number of terms is valid
if nterms <= 0:
    print("Please enter a positive integer")
elif nterms == 1:
    print("Fibonacci sequence upto",nterms,":")
    print(n1)
else:
    print("Fibonacci sequence:")
    while nth < 50:
        print(n1)
        nth = n1 + n2
        # update values
        n1 = n2
        n2 = nth
        count += 1
```

Que\_2: Write a Python program that accepts a word from the user and reverse it.

Code:

```
n= input('Enter the String to be reversed: ')
k=""
for i in n:
    k=i+k
print(k)
```

Que\_3: Write a Python program to count the number of even and odd numbers from a series of numbers.

Code:

```
a= int(input('Enter the number of terms: '))
c= []
for i in range (a):
    b = int(input('Enter all the Numbers: '))
    c.append(b)
print (c)
count1 = 0
count2 = 0
for j in c:
    if (j%2 == 0):
        count1 = count1+1
    else:
        count2 = count2+1
print('The number of Even numbers are:',count1)
```

```
print('The number of Odd numbers are:',count2)
```