S.No: 9	Exp. Name: *Write a python script to display Fibonacci sequence of numbers using while loop constructs.*	Date:2024-04-01

Aim:

Write a python script to display Fibonacci sequence of numbers using while loop constructs.

Source Code:

fibonacci_while.py

```python
print("Fibonacci Sequence")
n=int(input("Enter length of series :"))
print("Fibonacci Sequence using while loop")
a=0
b=1
sum=a+b
count=1
while(count<=n):
    count+=1
    print(a,end="\n")
    a=b
    b=sum
    sum=a+b
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Fibonacci Sequence 5
Enter length of series : 5
Fibonacci Sequence using while loop
0
1
1
2
3