

Ex. No.: 3b)

Date: 8/2/25

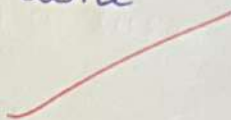
Aim:

Shell Script - Fibonacci Series

To write a Shell script to generate a Fibonacci series using for loop.

Program:

```
echo "Enter a number"
read n
F = 0
echo $F
S = 1
echo $S
for ((i=2; i<=$n; ((i++))))
do
    n1=$(( $F + $S ))
    echo $n1
    F = $S
    S = $n1
done
```



Sample Input and Output  
Run the program using the below command  
[REC@local host~]\$sh indhu.sh

enter number

21

fibonacci series

0

1

1

2

3

5

8

13

21

34

55

89

144

233

377

Result:

The shell script to find the fibonacci series  
has been executed successfully.

