

Ex. No.: 3b)

Date: 01/2/2025

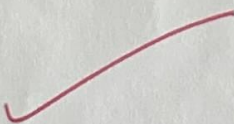
### Shell Script – Fibonacci Series

Aim:

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

Program:

```
echo "Enter number of terms"
read n
a = 1
b = 1
echo "Fibonacci series"
for (i=1; i<=$n; i++)
do
c = $(echo "$a+$b" | bc)
echo $c
a = $b
b = $c
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

*Sample input*

*Enter number*

*6*  
*Sample output*

0 1 1 2 3 5

Result:

*The above program executed successfully*

*[Signature]*