

Ex. No.: 3b)

Date: 6/2/25

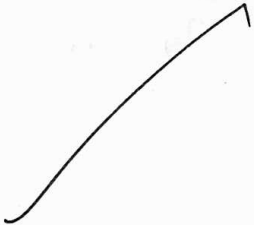
Shell Script – Fibonacci Series

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

Enter number of terms

6

Fibonacci Series

0

1

2

3

4

5

Result:

A shell script program has been executed to print the

Fibonacci series

