

Ex. No.: 3b)

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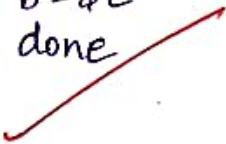
### Shell Script – Fibonacci Series

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<=$n; i++)
do
c=$((a+b))
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

1

2

3

5

Result:

A shellscript program has been executed to print  
the Fibonacci series.