

Ex. No.: 3b)

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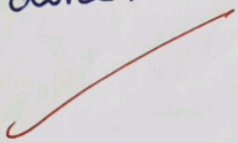
### Shell Script – Fibonacci Series

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
```

OUTPUT :

enter a number : 7

```
0
1
1
2
3
5
8
```

Result:

Thus shell program for the fibonacci series  
have been ~~executed~~ successfully.

*JK*