

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

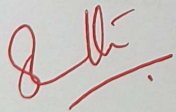
```
enter number
21
fibonacci series
0
1
1
2
3
5
8
13
21
34
55
89
144
233
377
```

Enter number of terms

6
Fibonacci Series

0
1
1
2
3
5

Result:



A Shell Script program has been executed to print the Fibonacci Series.