

Ex. No.: 3b)

Date: 8/2/25

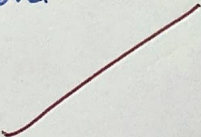
Shell Script – Fibonacci Series

Aim:

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

Program:

```
echo Enter series limit
read n
n1 = 0
n2 = 1
for ((i=0; i<n; i++))
do
    echo -n $n1 " "
    n3 = $((n1 + n2))
    n1 = $n2
    n2 = $n3
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 Series limit

5

fibonacci series

0

1

1

2

3

Result:

Hence the shell script to print the fibonacci series upto the given limit has been executed.

Sub