Ex. No.: 3b)

Date: 06/2/25

Shell Script – Fibbonacci 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
```

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Output :-

Enter number of terms
6
Fibonacci Series
0
1
1
2
3
5

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

Result:

Hence the Shell script for Fibonacci Series is
Executed Successfully

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