Ex. No.: 3b)

Date: 8|2|25.

Shell Script – Fibbonacci Series

Aim:

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

Program:

```
echo "Enter a number"
read n.
f =0.
echo $f
s =1
echo $s.
for ((i=2; i<$n; ((i++))))

do
    n1= $(( $f + $s))
echo $n1
    F = $s
    S = $n1

    done
```

Enter a number.

5
0
1
1
2
3.

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:

Shell script to generate a fibonacci series using for loop have been executed successfully.

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