Ex. No.: 3b)

Date: 6.2.25

Shell Script – Fibbonacci Series

Aim:

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

Program:

```
echo "Enter a no:"
read n
a=1
b=1
for (( i=0; i<"$n"; i++))
do
c=$(echo "$a + $b" | bc)
echo $c
a=$b
b=$c
done
```

OUTPUT:

Enter a no:

4
2
3
5
8

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:

A shell script program is executed to print the fibonacci series.