Date: 6.2.25

Shell Script – Fibbonacci Series

Aim:

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

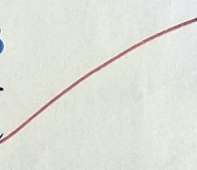Program:

```
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

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

Output :

7
,
0
1
1
2
3
5
8

Result:

A shell script program is executed to
print the fibonacci series