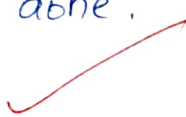**Ex. No.: 3b)**

Date: 6/2/95

Shell Script – Fibbonacci Series

Aim:

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

Program:

```
echo "enter the number"
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.
```

[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

enter a Number 7

0
1
1
2
3
5
8

Result:

Thus shell program for the fibonacci
series have been executed successfully.

27