

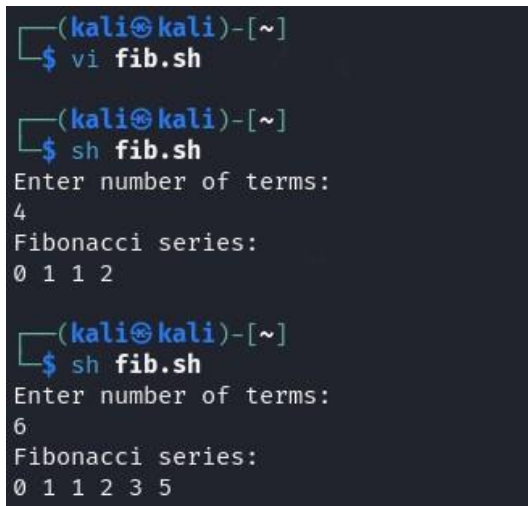
EX.NO:3B DATE: SHELL SCRIPT

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

PROGRAM:

```
echo "Enter number of terms:"  
read n  
a=0 b=1  
echo "Fibonacci series: "  
echo -n "$a $b" for i in  
$(seq 3 $n); do c=$((a +  
b)) echo -n " $c" a=$b  
b=$c done echo
```

INPUT & OUTPUT:



```
(kali㉿kali)-[~]  
$ vi fib.sh  
  
(kali㉿kali)-[~]  
$ sh fib.sh  
Enter number of terms:  
4  
Fibonacci series:  
0 1 1 2  
  
(kali㉿kali)-[~]  
$ sh fib.sh  
Enter number of terms:  
6  
Fibonacci series:  
0 1 1 2 3 5
```

RESULT: Hence, Fibonacci series using shell script is executed successfully.

