

Practical 8



Output:

```
Enter a number
6
0
1
1
2
3
5
```

```
Enter a number
10
0
1
1
2
3
5
8
13
21
34
```

**8. Write a shell script which will generate first n Fibonacci numbers like:
1,1,2,3,5,8,13,21....**

```
echo "Enter a number"
read n
a=1
b=1
z=0
echo "$z"
echo "$a"
echo "$b"
for (( i = 1; i <=n-3; i++ )); do
    c=`expr $b \+ $a`
    temp=$a
    a=$b
    b=`expr $temp + $b`
    echo "$c "
done
```