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USP Lab-5

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2) Shell script to find fibonacci series.

```
echo "How many number of terms to be generated?"
```

```
read n
```

```
x=0
```

```
y=1
```

```
i=2
```

```
echo "Fibonacci Series up to $n terms: "
```

```
echo "$x"
```

```
echo "$y"
```

```
while [ $i -lt $n ]
```

```
do
```

```
    i=`expr $i + 1`
```

```
    z=`expr $x + $y`
```

```
    echo "$z"
```

```
    x=$y
```

```
    y=$z
```

```
done.
```

```
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx: ~/Desktop/USP
File Edit View Search Terminal Help
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx:~/Desktop/USP$ sh fib.sh
How many number of terms to be generated ?
5
Fibonacci Series up to 5 terms :
0
1
1
2
3
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx:~/Desktop/USP$ sh fib.sh
How many number of terms to be generated ?
7
Fibonacci Series up to 7 terms :
0
1
1
2
3
5
8
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx:~/Desktop/USP$
```