

Activities Terminal Mar 7 15:54 mca@localhost:~

File Edit View Search Terminal Tabs Help

mca@localhost:~ mca@localhost:~

```
#!/bin/bash
echo "enter the number"
read n
fact=1
while [ $n -gt 1 ]
do
    fact=$((fact * n))
    n=$((n - 1))
done
echo $fact
```

10,10 All

```
Activities Terminal ▾ Mar 7 15:54 mca@localhost:~  
File Edit View Search Terminal Tabs Help  
mca@localhost:~ x mca@localhost:~ x  
[mca@localhost ~]$ vi factorial.sh  
[mca@localhost ~]$ chmod +x factorial.sh  
[mca@localhost ~]$ ./factorial.sh  
enter the number  
5  
120  
[mca@localhost ~]$
```

```
a=0
while [ $a -lt 10 ]
do
    echo $a
    a=`expr $a + 1`
done
```

```
Activities Terminal Mar 7 15:55 mca@localhost:~
File Edit View Search Terminal Tabs Help
mca@localhost:~ x mca@localhost:~ x
[mca@localhost ~]$ vi while.sh
[mca@localhost ~]$ chmod +x while.sh
[mca@localhost ~]$ ./while.sh
0
1
2
3
4
5
6
7
8
9
[mca@localhost ~]$
```

done

```
"whileloop.sh" 7L, 73C
```

3,14

All

```
Activities Terminal ▾ Mar 7 15:56 mca@localhost:~  
File Edit View Search Terminal Tabs Help  
mca@localhost:~ x mca@localhost:~ x  
[mca@localhost ~]$ vi whileloop.sh  
[mca@localhost ~]$ chmod +x whileloop.sh  
[mca@localhost ~]$ ./whileloop.sh  
10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
[mca@localhost ~]$
```



```
Activities Terminal ▾ Mar 7 15:57 mca@localhost:~
File Edit View Search Terminal Tabs Help
mca@localhost:~ x mca@localhost:~ x
[mca@localhost ~]$ vi value.sh
[mca@localhost ~]$ chmod +x value.sh
[mca@localhost ~]$ ./value.sh
enter the number
12
value of 0 = 0
value of 1 = 1
value of 2 = 2
value of 3 = 3
value of 4 = 4
value of 5 = 5
value of 6 = 6
value of 7 = 7
value of 8 = 8
value of 9 = 9
value of 10 = 10
value of 11 = 11
value of 12 = 12
[mca@localhost ~]$
```