

Mathematical Operator in Shell Script	Meaning	Normal Arithmetical/ Mathematical Statements	But in Shell	
			For test statement with if command	For [expr] statement with if command
-eq	is equal to	5 == 6	if test 5 -eq 6	if [5 -eq 6]
-ne	is not equal to	5 != 6	if test 5 -ne 6	if [5 -ne 6]
-lt	is less than	5 < 6	if test 5 -lt 6	if [5 -lt 6]
-le	is less than or equal to	5 <= 6	if test 5 -le 6	if [5 -le 6]
-gt	is greater than	5 > 6	if test 5 -gt 6	if [5 -gt 6]
-ge	is greater than or equal to	5 >= 6	if test 5 -ge 6	if [5 -ge 6]

- Write script to print numbers as 5,4,3,2,1, the biggest number is supplied as command line argument. (Ex. Script-name 5)

```

n=$1
while test $n != 0
do
    echo -n "$n,"
    n=`expr $n - 1`
done
echo ""

```

```

ubuntu@ubuntu:~$ sh e4 7
7,6,5,4,3,2,1,
ubuntu@ubuntu:~$ bash e4 5
5,4,3,2,1,
ubuntu@ubuntu:~$

```

6. Write shell script using for loop to print the following patterns :

123456
12345
1234
123
12
1

```
for (( i=6 ; i>=1 ; i-- ))  
  
do  
  
for (( j=1 ; j<=i ; j++ ))  
  
do  
  
echo -n "$j"  
  
done  
  
echo ""  
  
done
```