

# OS Lab Assignment - 16

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**Section -: C**

**Roll No. -: 11**

**Subject -: Operating System Lab (BCSC 0803)**

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Write the shell script to input any number and print it's factorial.

```
# !/usr/bin/bash
clear

read -p "Enter any number : " number
fact=1

while [ $number -gt 0 ]
do
fact=`expr $fact \* $number`
number=`expr $number - 1`
done

echo "Factorial of given number: $fact"
```

## OUTPUT:

```
Enter any number : 5
Factorial of given number: 120

insane_banda@DESKTOP-0DS737B MINGW64 /d/B.TECH-CS/SEM III/OS/ASSIGNMENT-16 (master)
$
```