

Name → Laxman Kumar Vashist

Class → BTech. 2nd Year { E }

University RollNo. → 191500429

Class RollNo. → '37'

Subject → Operating System Lab

Subject Code → BCSC 0803

Subject Teacher → MRS. Nidhi

QUS 1 → Write A shell script that print **factorial** of a given number.

CODE →

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```
root@Kali: ~/Desktop/osprogram
File Actions Edit View Help
root@Kali: ~/...top/osprogram x
echo "Enter a number"
read num
echo "
"
fact=1
while [ $num -gt 1 ]
do
    fact=$(( $fact * $num ))
    num=$(( $num -1 ))
done
echo "factorial is $fact"
```

OUTPUT →

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```
root@Kali: ~/Desktop/osprogram
File Actions Edit View Help
root@Kali: ~/...top/osprogram x
root@Kali:~/Desktop/osprogram# vi factorial.sh
root@Kali:~/Desktop/osprogram# sh factorial.sh
Enter a number
5
factorial is 120
root@Kali:~/Desktop/osprogram#
```