

NETWORKING & SYSTEM ADMINISTRATION LAB**Name: Swetha Prakash****Roll No: 46****Batch: B****Date: 09/05/2022****Experiment No.: 13****Aim**

Write a shell script program to find the factorial of a number.

Procedure

```
echo "Enter a number"
```

```
read num
```

```
fact=1
```

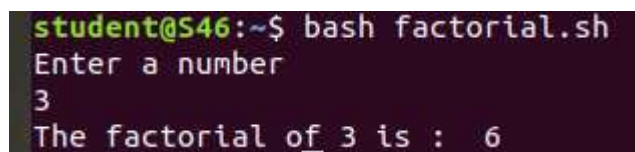
```
for((i=2;i<=num;i++))
```

```
{
```

```
    fact=$((fact * i)) #fact = fact * i
```

```
}
```

```
echo "The factorial of $num is : " $fact
```

Output

```
student@S46:~$ bash factorial.sh
Enter a number
3
The factorial of 3 is : 6
```