

**NETWORKING & SYSTEM ADMINISTRATION LAB****Experiment No.: 18****Aim**

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

**Procedure**

```
#!/bin/bash

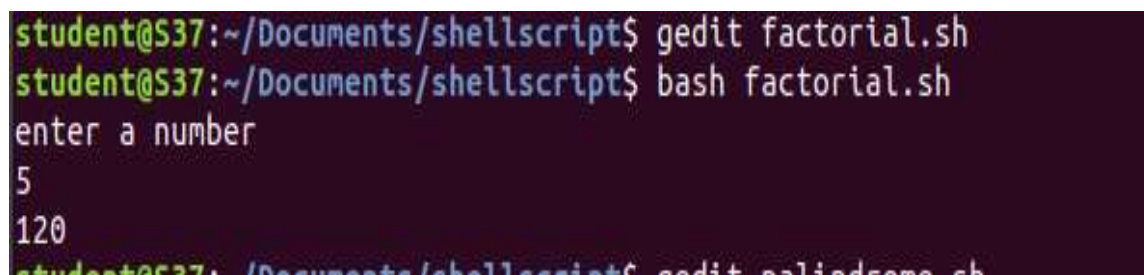
echo "Enter a number"

read num

fact=1

for((i=2;i<=num;i++))
{
    fact=$((fact * i))
}

echo $fact
```

**Output:**

```
student@S37:~/Documents/shellscript$ gedit factorial.sh
student@S37:~/Documents/shellscript$ bash factorial.sh
enter a number
5
120
student@S37:~/Documents/shellscript$ gedit caliedscom.sh
```

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