Lab 5

To find the Factorial of a number

Shell Script:
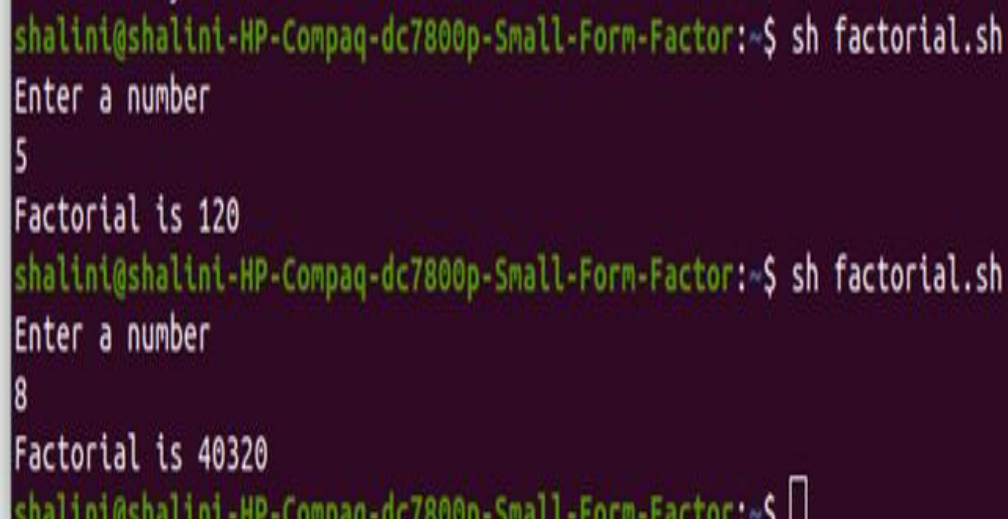```
echo "Enter a number"
read num

fact=1

while [$num -gt 1]
do
  fact=$((fact * num))
  num=$((num - 1))
done

echo "Factorial is $fact"
```

**Output:**

```
shalini@shalini-HP-Compaq-dc7800p-Small-Form-Factor:~$ sh factorial.sh
Enter a number
5
Factorial is 120
shalini@shalini-HP-Compaq-dc7800p-Small-Form-Factor:~$ sh factorial.sh
Enter a number
8
Factorial is 40320
shalini@shalini-HP-Compaq-dc7800p-Small-Form-Factor:~$
```