

GNU nano 7.2 Question5.sh  
#!/bin/bash

```
read -p "please enter the number to calculate it's factorial: " N
fact=1
for (( i=1; i<=$N; i++ ))
do
    fact=$((fact*i))
done
echo "the result is: $fact"
```

```
shadow404@shadow404-Lenovo-E50-80:~/Desktop/ODC Assinment1$ ./Question5.sh
please enter the number to calculate it's factorial: 4
the result is: 24
shadow404@shadow404-Lenovo-E50-80:~/Desktop/ODC Assinment1$
```