

```

package pack1;
import java.util.*;

public class Factorial {
    Scanner s=new Scanner (System.in);
    long num;
    static char ch;

    void cond()
    {
        System.out.println("if you want to continue press:y\nif you want to
exit press:n");
        ch=s.next().charAt(0);
    }

    void inputNum()
    {
        System.out.println("enter the number ...");
        num=s.nextLong();
    }

    void calculateFact ()
    {
        long fact=1;
        for(long i=num;i>0;--i)
        {
            fact*=i;
        }
        System.out.println("Factorial of "+num+" is:"+fact);
    }

    public static void main (String[] args) {
        Factorial f=new Factorial();
        f.cond();
        while(ch=='y')
        {
            f.inputNum();
            f.calculateFact();
            f.cond();
            //f.condition();
        }
    }
}

```

```

if you want to continue press:y
if you want to exit press:n
y
enter the number ...
6
Factorial of 6 is:720
if you want to continue press:y
if you want to exit press:n
n

```