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Roll-no: 2006270

(W2)

```
package pack;
```

```
public class fact
```

```
{ public int num;
```

```
    public fact(int num)
```

```
{ this.num = num; }
```

```
public void factorial()
```

```
{ int i, fact = 1;
```

```
    for(i = 1; i <= num; i++)
```

```
{ fact = fact * i;
```

```
}
```

```
System.out.println("factorial of "+ num + " is " + fact);
```

```
{
```

```
}
```

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(W2)
import pack.*;
import java.util.*;

```
public class q2  
{ public static void main (String args[])  
{ Scanner sc = new Scanner (System.in);  
  int num = sc.nextInt();  
  fact f = new fact(num);  
  f.factorial();  
  sc.close();  
}
```