

```
1 import java.util.Scanner;
2 public class Factorial {
3     public static void main(String[] args) {
4         Scanner scan = new Scanner(System.in);
5         System.out.println("Enter in a non-negative
integer to get its factorial. ");
6         int num = scan.nextInt();
7         while (num < 0){
8             System.out.println("A non-negative number
is required. Enter another number:");
9             num = scan.nextInt();
10        }
11        int answer = 1;
12        while (num != 0){
13            answer *= num;
14            num--;
15        }
16        System.out.println("Answer is: " + answer);
17
18    }
19 }
20
```