

## Challenge: Iterative factorial

Finish the provided factorial function, so that it returns the value  **$n!$** .

Your code should use a for loop to compute the product  **$1 * 2 * 3 * \dots * n$** . If you write the code carefully, you won't need a special case for when  **$n$**  equals **0**.

 Java

 Python

 C++

 JS

```
class Solution {  
    public static int factorial(int n) {  
        int result = 0;  
  
        // Implement this method  
  
        return result;  
    }  
}
```

