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 * ... * n. If you write the code carefully, you won't need a special case for when n equals 0.

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