


## Challenge: Recursive 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

```
def factorial(n):  
    # base case:  
  
    # recursive case:  
  
    return None
```

