




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

```
1 def factorial(n):
2     # base case:
3
4     # recursive case:
5
6     return None
```

