



Question 2

Correct

Mark 1.00 out of 1.00

Flag question

Write python code to find the factorial of the given number.

Answer: (penalty regime: 0 %)

```
1 num = int(input())
2
3 fact = 1
4
5 if num < 0:
6     print("Sorry, factorial does not exist for negative numbers")
7 elif num == 0:
8     print("1")
9 else:
10     for i in range(1, num + 1):
11         fact = fact * i
12     print("The factorial of {} is {}".format(num, fact))
```

	Input	Expected	Got
✓	7 The factorial of 7 is 5040	7 The factorial of 7 is 5040	7 The factoria



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4
5 if num < 0:
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```

	Input	Expected	Got
✓	7 The factorial of 7 is 5040	7 The factorial of 7 is 5040	7 The factoria
✓	-9 Sorry, factorial does not exist for negative numbers	-9 Sorry, factorial does not exist for negative numbers	-9 Sorry, facto
✓	15 The factorial of 15 is 1307674368000	15 The factorial of 15 is 1307674368000	15 The factoria

Passed all tests! ✓

Input	Expected	Got
✓ 7 The factorial of 7 is 5040	7 The factorial of 7 is 5040	7 The factoria
✓ -9 Sorry, factorial does not exist for negative numbers	-9 Sorry, factorial does not exist for negative numbers	-9 Sorry, facto
✓ 15 The factorial of 15 is 1307674368000	15 The factorial of 15 is 1307674368000	15 The factoria

Passed all tests! ✓

Question author's solution (Python3):

```
1 num = int(input())
2 factorial = 1
3 if num < 0:
4     print("Sorry, factorial does not exist for negative numbers")
5 elif num == 0:
6     print("The factorial of 0 is 1")
7 else:
8     for i in range(1,num + 1):
9         factorial = factorial*i
10    print("The factorial of",num,"is",factorial)
```

Marks for this submission: 1.00/1.00.