# SIT384 Cyber security analytics

## Pass Task 2.1P: Factorial

### Task description:

The factorial of a nonnegative integer n, written n! (pronounced " n factorial " ), is the product of n* (n – 1)* (n – 2)* … * 1 . And

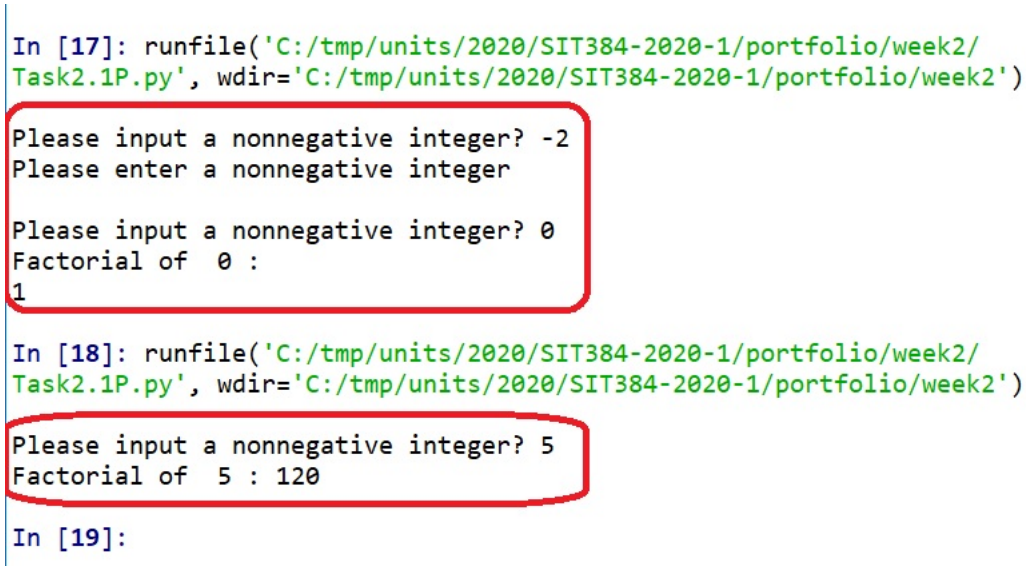
1! = 1

0! = 1

Example: 5! = 5 * 4 * 3 * 2 * 1

Define a function which accepts a passed argument and calculates its factorial. A program accepts user's input and calls the function. (Please DO **NOT** use recursive function call in the function definition.)

(Sample output as shown in the following figure is for demonstration purposes only.)




### Submission:

Submit the following files to OnTrack:

1. Your program source code (e.g. task2-1.py)
2. A screen shot of your program running

Check the following things before submitting:

1. Add proper comments to your code