

## Assignment 3 (Due Week 8)

This Assignment gets you to:

- Break a more sophisticated problem down into simple steps to create an algorithm
- Use required modules
- Use the Selection and Repetition control structures

Write a Python program that can be used as a math tutor for young students.

- The program should display two random odd numbers between 1 and 1001 to be subtracted. The program should find the greater number first and show them as below:

525

-143

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- The program should allow the student to enter an answer. The program will compare the actual answer with the student's answer. If the answer is correct, a message of congratulations should be displayed. If the answer is incorrect, a message should be displayed with the correct answer. For example, the correct answer is:

525

-143

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382

- Your program should show total number of questions, total number and percentage of correct answers.
- The program should also loop so that the user is prompted whether to continue or not.

### Coding requirements:

The program must include user-defined functions to modularize the code, and exception handling to handle ValueError exception

**Make sure to put comments into your code (including your details at the top of the program)**