This project will be submitted in Canvas. Be sure to review the grading rubric in Canvas.

Write a simple calculator:

This program must have 9 functions: Failure to follow these requirements will result in a failing grade on the assignment even if it passes all tests:

- main() Controls the flow of the program (calls the other modules)
- userInput() Asks the user to enter two numbers
- add() Accepts two numbers, returns the sum
- subtract() Accepts two numbers, returns the difference of the first number minus the second number
- multiply() Accepts two numbers, returns the product
- divide() Accepts two numbers, returns the quotient of the first number divided by the second number
- modulo() Accepts two numbers, returns the modulo of the first number divided by the second number
- exponent() Accepts two numbers, returns the first number raised to the power of the second number.
- userOutput() Gives a user friendly output of all the calculations. NOTE: The ONLY place that you will print results is inside the userOutput function!!!!!

To receive full credit, you need to have your output look exactly like mine, but your program must work with any numbers entered.

Your program must print an appropriate message if the user enters anything other than two integers. (Hint: Try…except)

```
Enter your first number:  5
Enter your second number:  5
5.0 + 5.0 = 10.0
5.0 - 5.0 = 0.0
5.0 * 5.0 = 25.0
5.0 / 5.0 = 1.0
5.0 % 5.0 = 0.0
5.0 ** 5.0 = 3125.0
```

BEFORE SUBMITTING YOUR PROGRAM:

- Did you write 9 functions and name them exactly what the instructions say?
- Do you have the main function?
- Do you have the 3 required comments at the top?
- Do you have a comment above EVERY LINE OF CODE that accurately describes what's about to happen?

WHAT TO SUBMIT:

- Your .py file
- A single screenshot of your output showing 4 runs: (1) using valid numbers; (2) using a string as the first input and a valid number as the second input; (3) using a valid first number and a decimal value as the second number; (4) using 7 as the first number and 0 as the second number.