
Programming Assignment 1: EGG101:Introduction to Engineering Experience , Fall 2019

Problem 1 (20 Points)

1. Write a Python program that prints `Hello World!`.
2. Write a Python program that defines an integer based variable named `myX`, assigns a value `7` to it and then prints it.
3. Write a Python program that defines an integer based variable named `myX`, assigns a value `7.0` to it and then prints it.
4. Write a Python program that defines a string variable named `myS`, assigns a value `MyString` to it and then prints it.
5. Write a Python program that defines two integer variables `x` and `y`, and assigns values `5` and `7` to them, and then performs the operations of addition, subtraction, multiplication, division, modular division to get remainder (`%`), and prints the results of each operation as done in class.
6. Write a Python program that defines two string variables `x` and `y`, and assigns values `Hello` and `World` to them. Add the two variables and print the result.
7. Write a Python program which defines two lists of numbers, each list with three different numbers. Call the lists `x` and `y`. Add the lists and print out the result. Also print out the first member of the list separately.
8. Write a Python program which defines two lists of strings (of names), each list with three different names. Call the lists `x` and `y`. Add the lists and print out the result. Also print out the first member of the list separately.

Note: You can choose to write a single program that generates all these outputs one by one.