Staple together and turn in:

1. This page, with your identification information, collaboration info and the largest problem completed circled.

2. A printout of your code.

3. A printout of a screenshot of your code running on the provided examples.

1 (60/100) A vector in 2D space is represented with an x-coordinate and a y-coordinate. Write a program to take in these values from the user and regurgitate the whole vector, as demonstrated below (entered values may contain decimal vectors):

Enter the vector’s x-coordinate: 4
Enter the vector’s y-coordinate: 5.5
Your vector is (4, 5.5)

2 (100/100) Given two vectors \( p_1 = (x_1, y_1) \) and \( p_2 = (x_2, y_2) \), the sum of these two vectors is \( (x_1 + x_2, y_1 + y_2) \). Modify your program to take in two vectors, and print out the sum of those vectors:

Enter the first vector’s x-coordinate: 4
Enter the first vector’s y-coordinate: 5.5
Enter the second vector’s x-coordinate: -2.3
Enter the second vector’s y-coordinate: 1
Your summed vector is (1.7, 6.5)