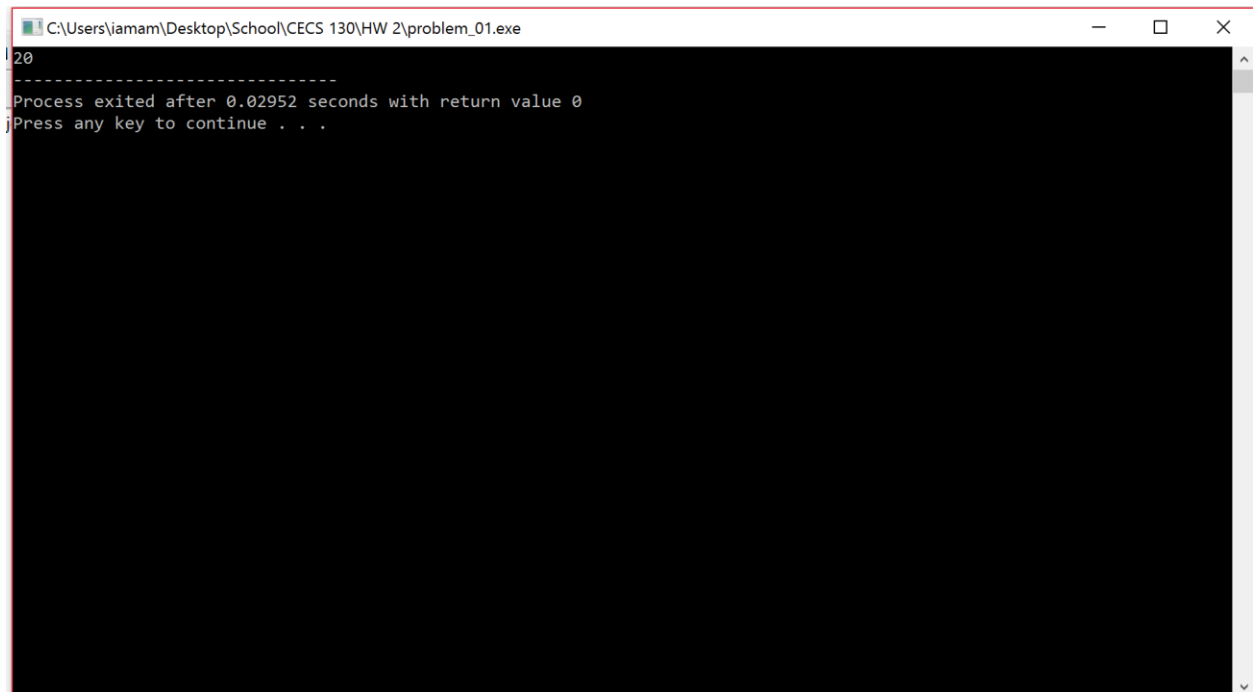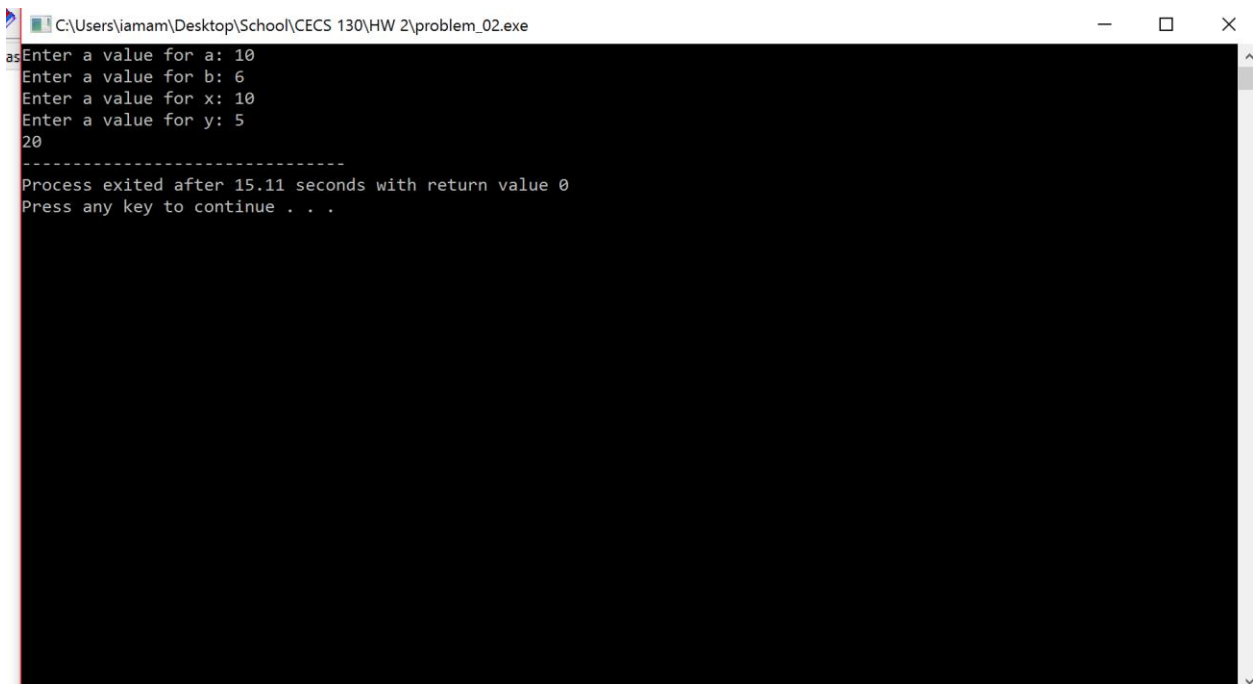**Austin Stephens**

Assignment 02

1/28/16

1. My code successfully stores the correct values in the variables a, b, x, and y and then performs the correct operation to give the correct output of 20.

```
C:\Users\iamam\Desktop\School\CECS 130\HW 2\problem_01.exe                    —    □    ×
20
-------------------------------
Process exited after 0.02952 seconds with return value 0
Press any key to continue . . .
```

2. I wrote a program that performs the same operation as problem one except this time it allows the user to input whichever four values they want to use. I used the same inputs as problem one as a test and then another set of numbers, they both gave the correct output.

```
C:\Users\iamam\Desktop\School\CECS 130\HW 2\problem_02.exe                    —    □    ×
Enter a value for a: 10
Enter a value for b: 6
Enter a value for x: 10
Enter a value for y: 5
20
-------------------------------
Process exited after 15.11 seconds with return value 0
Press any key to continue . . .
```

```
C:\Users\iamam\Desktop\School\CECS 130\HW 2\problem_02.exe                              —     □     ×

Enter a value for a: 3
Enter a value for b: 2
Enter a value for x: 9
Enter a value for y: 5
4
------------------------------
Process exited after 11.08 seconds with return value 0
Press any key to continue . . .
```

3. My program successfully takes in three values, commission rate, price, and cost, and then stores them as floats. Those values are then used in the calculation given in the problem to give a value for the commission made on a sale. The program then returns a float with two decimals which is the amount made on commission to the cent.

```
C:\Users\iamam\Desktop\School\CECS 130\HW 2\problem_05.exe                              —     □     ×

What is the commission rate? .25
What is the sales price of the product? 125
What is the cost of the product? 25
The commission on this sale is $25.00
------------------------------
Process exited after 7.513 seconds with return value 0
Press any key to continue . . . ▂
```

```
What is the commission rate? .5
What is the sales price of the product? 625
What is the cost of the product? 175
The commission on this sale is $225.00
--------------------------------
Process exited after 24.59 seconds with return value 0
Press any key to continue . . .
```