**Homework 8** (**Max Points:100) Due Date: April 1 by 11:59 pm EST**

**Instructions: Each response should be in a .py file. Submit all your code to** [**https://submitty.cs.rpi.edu**](https://submitty.cs.rpi.edu)

**Answer the following questions:**

1. Handle the exception thrown by the code below by using try and except blocks. (**25 points**)

for i in ['x','y','z']:

print(i\*\*2)

1. Handle the exception thrown by the code below by using try and except blocks. Then use a finally block to print 'All Done.' (**25 points**)

a = 5

b = 0

c = a/b

1. Write a function that asks for an integer and prints the square of it. Use a while loop with a try, except, else block to account for incorrect inputs. (**25 points**)
2. Create a Python program that reads a text file from your computer. The text file must have at least 5 lines of text (content). Write the contents of this file into a new file and give this new file a title. (**25 points**)