

## 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://submittity.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)
```
2. 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
```
3. 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)**
4. 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)**