**Methods and File Output and Exceptions**

**Outcome:**

* Student will demonstrate the ability to write, use and call methods
* Student will demonstrate the ability to pass values to and from methods
* Student will demonstrate the ability to catch exceptions
* Student will demonstrate the ability to create a text file
* Student will demonstrate the ability to validate input data

**Program Specifications:**

You to write a menu driven program. The program will use a switch statement. The cases will be as follows:

1. Get the user’s first name and echo it back out 20 times.
2. Get the Store user’s age and double it and display the age and the doubled age.
3. Using the age from #2 output one of the following statements
   1. Since you are 99 years old, you are a teenager
   2. Since you are 99 years old, you are NOT a teenager
4. Get a single integer between 3 and 50 from the user. Create a triangle of X’s with the integer inputted rows. The triangle needs to be displayed on the screen and in a text document named triangle.txt.

**Submission Requirements:**

* You must follow the rules from the second assignment.

**YOU CANNOT:**

* Use global variables
* Use the word goto
* Use the break command outside a case statement