**CS 162P Self Evaluation for Lab 6 – Triangle Class**

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| --- | --- |
| Your name:  Sandi Jasmer | Date: 8/5/20 |
| Are you willing to allow your code to be used in example debugging demonstrations or documentation?  X Yes  No | |

**Instructions – Part 1 (draft)**  
This document is to be turned in alongside your first draft of this lab. You will use this document to indicate your current progress through the lab, as well as areas where you are struggling conceptually or in converting concept to code. Please use the space underneath each evaluation criteria to describe any errors you are receiving or challenges you are having implementing the required functionality for your code.

**Functionality**

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Draft** | **Production** |
|  | |  |
| ***Triangle.py*** | | |
| Does the initialization method properly set up the default case (3, 4, 5)? |  | Yes |
|  | | |
| Does the initialization method properly deal with being called with three values? |  | Yes |
|  | | |
| Are all three getter methods present and properly working? |  | Yes |
|  | | |
| Are all three setter methods present and properly working? |  | Yes |
|  | | |
| Are the four additional methods properly coded and working? |  | Yes |
|  | | |
| ***Triangle\_main.py*** | | |
| Did your Triangle class properly run with the driver program? |  | Yes |
|  | | |
| Did it pass all the tests? |  | Yes |
|  | | |

**Instructions – Part 2 (final)**  
Update the preceding table to reflect the current state of your lab assignment. If you reported errors in your initial draft that you have since fixed, please replace the information describing your errors with a brief summary of how you solved those errors. Please also indicate any areas that you feel you are still struggling in.

Please answer the following questions, in your own words, regarding your experiences throughout this lab.

**Experiential Review**

|  |  |
| --- | --- |
| **What aspects of this lab did you find most challenging?** | |
| Converting my class knowledge from other languages to python. Understanding the constructor for seting the default items. |  |
| **What concept from this lab do you feel you have the best grasp on now?** | |
| I really understand setters and getters, I like object-oriented coding. | |
| **Please summarize the basic concepts involved in creating Classes:** | |
| Why should we use classes: allow us to logically group our data and functions that is easy to reuse and build upon. A class is a blueprint for creating instances. Each triangle is an instance of the Triangle class.  T1=Triangle()  T2=Triangle()  The instance knows that within the triangle class there are going to be three sides in every triangle. We’re thinking about what this object contains instead of trying to build separate objects each time. | |