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| **Computer Science 1** | **Lab 05C**  **Open Ended Major Python Project** |
| **The Turtle Graphics Project** | **Several Point Versions** |
| **Assignment Purpose:**  The purpose of this program is to do a big multi-day project where students get to be creative with Turtle Graphics. | |

For many assignments, you are told exactly what to do. This is a chance for you to be creative. You are going to spend some time creating an original graphics project of your choosing.

**100 Point Version Specifics**

To earn full credit, your project must meet the following criteria:

1. It must be school appropriate. To that end, you need to make a sketch of your project on paper and get it approved before you begin. This will count as a separate grade.

2. It must show a sufficient amount of effort.

3. It must contain a minimum of 100 lines of code, not including comments or blank lines.

4. It must be original and show your creativity.

5. It must use at least 3 colors that are not black or white.

6. It must use more than one width.

7. It must have at least 2 enclosed shapes (which can be irregular) that are filled-in.

8. It must show evidence that on at least one occasion the “pen” was lifted up in one location and placed back down in another.

**Losing Points**

Significant point deductions will occur if any of the above requirements are missing from your project.

A project that is not school appropriate or does not show sufficient effort will simply earn a grade of 0.

**Bonus Points**

5 or 10 Bonus points can be earned for projects that are truly exceptional.