COP 1047C Group Project

# Your project consists of creating a program that will focus on one of three things (see below). Your group will separate tasks into the following jobs:

* A team leader
* A programmer
* A designer

Every team member has to do a little bit of everything, of course, but their main focus will be to do their selected job. Your group may have more or less members. **These jobs are just a suggestion**.

# For your selection, you will have to prepare the following:

1. A document with your pseudocode and annotations as to what your program is supposed to do and how you have planned the code (20% of the grade)
2. A Python file (.py) with comments and Python code (50% of the grade)
3. A presentation with the process by which you arrived at the final program and final program demonstration (20% of the grade)
4. A peer review sheet (template attached) (10% of the grade)

# You can select one of these topics or you can create your own (check with your instructor):

1. **Game program**

Write a Python program that allows you to select and then play one of several games. Examples of games could be Tic Tac Toe; Rock Paper Scissors; Guess the Number; Hangman, Snake, Text Adventure, Pong.

1. **Math program**

Write a program that allows you to do simple calculations (a calculator); a temperature/measurement converter; an area/volume calculator for geometric shapes.

1. **Recipe program**

Write a program that that will allow you to follow cooking/baking recipes that will change the ingredient amounts according to the number of people you are cooking for. Minimum of five recipes.

Browsing for each of the items within each program is an important part of this project. Please make sure to create a menu as a starting point.

Peer Evaluation Template

Your Name Eneicia Benitez Your Group’s Name: \_\_\_\_\_\_\_\_\_\_\_1\_\_\_\_\_\_\_\_\_\_

List each team member and rate them on a scale of 1 to 3 in each of the areas listed:

3 = Above average; 2 = Average; 1 = Below average

*Quality* (3 points): Completed all assignments at the level of quality expected by the group

*Responsibility* (3 points): Completed all assignments in a timely manner

*Teamwork* (3 points): Worked well with other team members

*Contribution* (3 points): Contributed to the group in an equitable fashion

*Attitude* (3 points): Projected positive attitude throughout module/project

| **Member Name** | **Quality** | **Responsibility** | **Teamwork** | **Contribution** | **Attitude** | **Total** |
| --- | --- | --- | --- | --- | --- | --- |
| YOHANNY PENA | 3 | 3 | 3 | 3 | 3 | 15 |
| MARJORIE MIRANDA | 2 | 2 | 2 | 2 | 3 | 12 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Additional Comments: