Assignment01

Objectives   **20 Points**

- Study how to write comments in Python
- Learn how to use `print()` and `main()`
- Get familiar with tabs, spaces, and new lines

Instructions & Requirements

1) At the beginning of the program, include "Introductory Comments" as below. __All__ your submissions should include a segment of introductory comments.

> ### ___Introductory Comments:___

```
#==============================================================
# Your Name & Lab Section: (ex: Purdue Pete, Friday 1:30pm)
# Your Purdue Email:
# Program Description: In your own words, provide a brief description of
the program.
# Academic Honesty:
# I attest that this is my original work.
# I have not used unauthorized source code, either modified or unmodified.
# I have not given other fellow student(s) access to my program.
#==============================================================
```

2) Add inline comments to explain logic, assumptions, details, etc. **At least 3 InLine comments are required to get the grade.**

> ### ___Inline Comments:___

```
EX.  #Calculate the area of the rectangle
```

3) Write a Python program to display **Desired Outputs** (see below).
4) Resolve all the build errors (if any) and ignore the warnings.
5) Test your program and make sure it produces the same output as **Desired Outputs**.
6) Save and close the program.

Submission

- **Submit the `.py` file on Brightspace.**
- BEFORE submission, test your program by comparing your program's output with **Desired Outputs**.
- AFTER submission, download your submission and test whether your program runs without any issue.
- NO late submission will be accepted.
- There will be penalties for wrong file submission and any errors in the program.
- Only the last submission will be graded, although you can turn in as many as you want.

Desired Outputs

- Again, BEFORE submission, test your program by comparing your program's output with the figure(s) below. Your program **MUST** produce the same outputs as below when given the same inputs.

```
Debug I/O  Exceptions  Python Shell  Messages  OS Commands

Debug I/O (stdin, stdout, stderr) appears below           ✖    Options ▼

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          *              CNIT155 Spring 2023        *
          *                Assignment 01            *
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```