CSE303 (Section 1)
[Spring 2022]

Lab Assignment Submission Report

Assignment Title: Lab 0 (Basic Python Programming)

Submitted by:
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2019-2-60-025

1. **Code Link**

https://colab.research.google.com/drive/1wWToAvGeHrcmNv3Xiki4mSwtYM5Bd3ge

2. **Screenshots**

Problem 1:

Valid Triangle:

```
Student ID: 2019-2-60-025

First side: 10
Second side: 20
Third side: 15

Area: 72.62
```

Invalid Triangle:

```
Student ID: 2019-2-60-025

First side: 10
Second side: 20
Third side: 30

Invalid Triangle
```

Problem 3:

```
Student ID: 2019-2-60-025

Enter values for Course 1:
        Credit: 3
        Marks: 100

Enter values for Course 2:
        Credit: 4
        Marks: 85

Enter values for Course 3:
        Credit: 4
        Marks: 95

Course 1:
        Grade: A, Grade Point: 4.0

Course 2:
        Grade: B, Grade Point: 3.5

Course 3:
        Grade: A, Grade Point: 4.0


Term GPA: 3.82
```

3. Learning Outcomes

We have learned two things during this lab:

- **Python**

    - Printing statements and user input
    - Different object types (aka data types)
    - Operators (Arithmetic, Comparison, Logical)
    - Loops

- **Anaconda**