***BE 1600***

***Introduction to***

***Programming and Computation***

***Python Lab***

**Lab 03 – Chapter 2**

20 points

**Due by the end of the lab session**

**Please do not forget to sign-in**

**To receive credit for the lab assignment, your signature on the sign-sheet must be confirmed**

Assignment Objectives:

• To introduce turtle module

• To implement selection control using two-way if-else statements .

*Solution for this lab will not be posted on Canvas; however, the solution of any of the lab problems can be discussed in the class upon request of a student.*

All labs must be submitted by the Canvas. **No email or hard copy** is accepted. You must follow the following format:

1. Submit your file to the Canvas. You must submit your file on time; otherwise, you will receive zero.
2. You can upload your file as many times as you like. Only the last attempt counts because the last file you uploaded is the only file your instructor will see.
3. There will be several modules on the Canvas. You need to upload your file using the correct module on the Canvas.
4. Name the lab file: *Lab (labt number)*
5. To upload your file(s):

* In Course Navigation, click the ASSIGNMENTS module.
* Click the title of the assignment.
* Click the **Submit** Assignment button.
* Add **File**. ...
* **Submit** Assignment. ...
* View **Submission**.

*It is your responsibility to make sure that the file is uploaded correctly. If you uploaded a wrong file, you receive zero; files will not be accepted after due date even if you have a prove that the file is created before the due date.*

***Make sure you review the Cheating & Plagiarism policy on Canvas.***

Write a program that prompts the user to enter integer 1 or 2. If the user entered 1, use the turtle graphics library to draw red upper triangle and blue lower triangle. If the user entered 2, draw blue upper triangle and red lower triangle. Note: the size of each triangle does not matter as long

Here are sample runs:

|  |  |
| --- | --- |
| Enter 1 for red upper triangle and blue lower triangle.  Enter 2 for blue upper triangle and red lower triangle 1 | Enter 1 for red upper triangle and blue lower triangle.  Enter 2 for blue upper triangle and red lower triangle 2 |