*Fall 2021*

**CSC/BIF 243**

**Introduction to Object Oriented Programming**

*Course Instructor: Joe Khalife*

**Lab 08**

Recall the simple math tools that let a first grader practice or be tested on mathematics.

In this **Lab Assignment** your task is to specify, design and implement a sophisticated math tool that include **addition**, **subtraction** and **multiplication**.

* **Specifications:** Write your own specifications. You have the freedom of deciding on what is it that you want to implement in your tool. It could include practice and/or testing, number of question, range of numbers, validate input, …
* **Design:** Write the design of your specifications. You may use psceudo-code and decide on functions that make the implementation easier,
* **Implementation:** Implement your design in a python program. Use comments to explain your code and test your program.

**Deliverables:**

* A pdf file file that include your specification, design and any testing samples.
* A phyton file of your Implementation and snapshots of a sample run.