**Week. 10 – In-Class Lab Assignment**

**Calculator Program Modificaiton**

**Modify the Part. II of Project. 3 (Calculator)**

**I want this project modified two ways:**

1. **1st way:** All methods should be defined in a single class including main(). (One java file)
2. **2nd way:** Create a base class, with all the necessary methods, then create a Demo or Test class which contains main(). Call the appropriate methods test your code. (Two java files)

**Modification should include:**

1. Switch structure
2. Loop structure – so user can make different selections
3. Create four methods – add(), subtract(), divide(), multiply() and if you choose to do so modulus().
4. Also create a display() method that just displays the result of the calculation.
5. Must have Algorithm for all three files and three .java files (source code) with documentation (comments)