**Assignment # 01**

**Data Structures and Algorithms**

***Instructions:***

* Deadline to submit this assignment is **20th September 2017, before the class time.**
* Your assignment should have a title page describing your Name, Registration number, Assignment number, submission date and the Course title.
* Late submissions will result in marks deduction.
* Use only **C++ or Java**, C or other code will not be accepted (If applicable).
* Your code should be **commented generously** (If applicable).
* If you have any questions, you can e-mail it on <mailto:aunsia.khan@szabist-isb.edu.pk>

Copied assignments will get **ZERO** marks.

**Problem 1:** Given a nonempty array DATA with N numerical values; Write an algorithm that finds the location LOC and the value MAX of the largest element of DATA.

**Problem 2:** Write down an algorithm for each of the following:

1. To print the 9 times table from 1X9 to 12X9.
2. To print the message of your choice 4 times.