

## Lab 2

Objective: In this lab session we will explore the following new C constructs that we have discussed in the class

1. if - else statement
2. switch statement
3. type casting

**Problem 1:** Write, compile and execute a program to display the grade of a student given the marks obtained. Grading scheme is as follows

1. Marks > 95 : A+
2. Marks > 90 : A
3. Marks > 80 : A-
4. Marks > 70 : B
5. Marks > 60 : B-
6. Marks > 50 : C
7. Marks > 40 : C-
8. Marks > 30 : D
9. Marks <= 30 : F

**Problem 2:** Take a set of five (5) integers as inputs. Calculate the maximum, minimum, average of the integers greater than 0 (zero).

**Problem 3:** Take a set of three integers (3) as inputs. Calculate the maximum, minimum, average of the integers greater than 0 (zero) without using if-else-(if..)/switch statements.