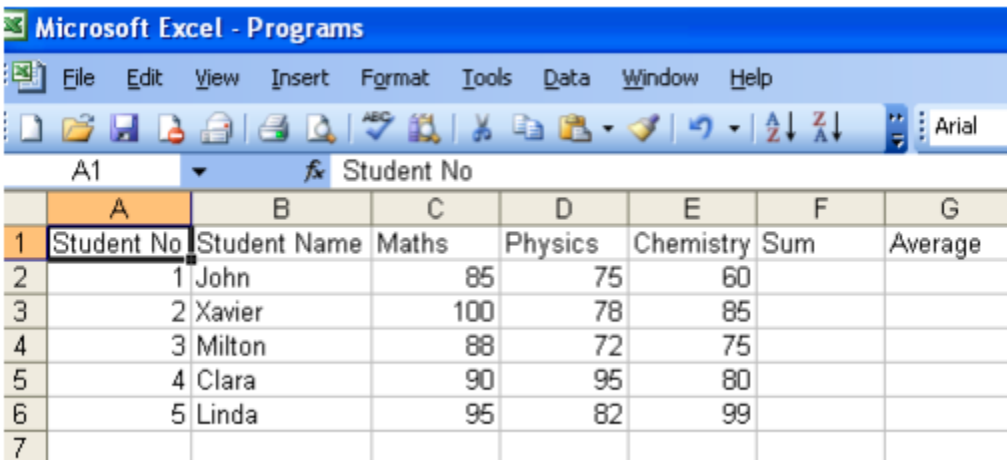## COMPUTATIONAL THINKING LAB

(Week 2 – 19.11.2022)

Problem 1:

Let us consider the problem of finding the total and average of 3 subject marks for five students in a class in the board exam. The data is entered into the spread sheet as shown below:

Calculate the Maximum mark, minimum mark, mean, median, standard deviation and variance for each subject.

Problem 2:

In this problem you are given the name, gender, attendance, assignment, midterm of five students. Find the total of the assessment marks. Students who pass need to have a total score greater than or equal to 50. Display the word "Pass" or "Fail" under a column called Description.

In the problem, without considering attendance as criteria for passing, calculate the grades of the students as per the grade rule table given below:

Marks Range	Grade
Score>=90	A
90>Total Score>=80	B
80>Total Score>=70	C
70>Total Score>=60	D
60>Total Score>=50	E
Total Score < 50	F

Problem 3:

Create your class timetable in excel. Use different fonts and color options.