**Homework05 ECE 2310**

1.

Write a C# Windows Forms application that creates 1000 random decimal numbers between 40 and 100 and round them to 1 decimal place. It then counts how many of them are in the range of [60,70), [70,80), [80, 90), [90,100] and below 60, respectively. Use a listbox to display all the random numbers , following by something like the following :

Range Counts

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[60, 70) 300

[70, 80) 350

[80, 90) 150

[90, 100] 130

Below 60 70

There are 26 students in the class. Write a console application that enables users to enter each student’s name and his/her exam score and then displays the information. It also displays who has the highest score and how many students are above average.

The output should look like this :

Name Score

Amy 97

Paul 89

… …

Amy has the highest score 97 in the class.

The average score of the class is 81.

18 students are above average score.