**Programming 1 Week 9 Lab Exercises**

You are allowed to use online resources like W3Schools (recommended) for syntaxes.

Create a file named lastname\_studentnumber.txt. For each of the exercises below, copy your solution from your .java file (after it has been compiled and ran successfully), indicate the exercise number and paste into the .txt document. Submit the .txt file on Lea.

Continuing with the Student class from this week’s lecture:

1. A file is provided that contains the names and grades of 30 students. In your main method, create an array of 30 students, and initialize them with the values from the file.
2. Go through the array of students, print their individual test scores, compute their average, print the average and whether they passed or failed using the following rules:

* The student must get a total average of 60 and above to pass
* If the average of test1 and test2 are below 60, the student’s total average automatically becomes this average and will be a fail, hence a student must get an average of 60 and above in test1 and test 2 to pass.

1. Print a summary of the total number of students that passed and those that failed.