CSC 15 fall 2017

Chapter 7 lab part 1

Write a program that reads student scores, gets the best score and then assigns grades based on the following scheme:

Grade is A if score is >= best – 10
Grade is B if score is >= best – 20
Grade is C if the score is >= best – 30
Grade is D if score >= best – 40
Grade is F otherwise

Here are the steps that must be taken

1. Ask the user the number of the students
2. Declare an array with the given size
3. Store the grades in the array
4. Fine the maximum grade in the array
5. Output the result

Here is the list of the methods:

1. fillArray that fills the array with the students grades. You must pass an array as the parameter
2. finMaxGrade, returns the max grade in the array. Gets the array of the grade as the parameter
3. output that displays the result. This method gets the max score and the array of scores as its parameter.
4. Main , in this method you ask the user if she/he wants to repeat using the program.

Here is sample output: Enter the number of the students: 4

Enter 4 scores: 40 55 70 58

Here is the result:

Student	Score	Grade
1	40	C
2	55	B
3	70	A
4	58	B