Lab3

-Try all what we have learned in the lecture

Part1:

- Write a program that generates a multiplication table using a two-dim array.

-Declare and initialize a 10x10 array.

-Fill the array such that the element at [i, j] is equal to (i+1) * (j+1).

-Print the multiplication table.

- Write a program that store student age for many tracks

-take number of student and tracks from user

-enter student ages

- print the array

-calculate age avg for each track

Bonus :

-handle a scenario where the number of students is not the same for each track

Part2:

- **Define a struct named Rectangle with two properties: Width and Height.**

-Implement All the Necessary Getters&Setters Functions on the Structure

-Add methods **Area** and **Perimeter** to calculate the area and perimeter of the rectangle.

-Add a method **Getstring** to display the rectangle's dimensions.

- **Define a struct named TimeSpan with three properties: Hours, Minutes, and Seconds.**

  - Implement All the Necessary Getters&Setters Functions on the Structure

  -Add a method TotalSeconds that calculates the total number of seconds represented by the time span.

  -Add a method Getstring to display the time span in HH:MM:SS format.

  -Create an array of time ,take array size & data from user and print it

Bonus :

- try to sort array using sort function , if it doesn't work try to implement your own sort fun