

## Assignment 3:

### Write a program to:

Get student names and degrees in math

A menu appears to user containing:

1-Search for student degree

2-Get top student name and degree

3-Change a student name

When the user **chooses (1)** He is prompted to enter a student name

If the student is found show his/her degree, otherwise a message saying "student not found" should appear

When the user **chooses (2)**, top student name with his score are printed

When the user **chooses (3)**, user is prompted to enter old student name, if found he is prompted to enter the new name for the student, otherwise "student not found"

### Hints:

1-Organize your code into methods

2-You may use the following array methods

`Array.IndexOf(arrayname, searchItem)`

`arrayname.SetValue(value, index)`

### Example screens:

```
C:\WINDOWS\system32\cmd.exe
Enter number of students
3
Enter student 1 name:
Ahmed
Enter his/her degree
10
Enter student 2 name:
Mohamed
Enter his/her degree
20
Enter student 3 name:
Eslam
Enter his/her degree
15

Choose an option from the following menu
=====
[1] Search for a student degree
[2] Get top student name and degree
[3] Change a students name
Please enter your choice:
```

```
Choose an option from the following menu
=====
[1] Search for a student degree
[2] Get top student name and degree
[3] Change a students name
Please enter your choice: 1
Please enter student name
Ahmed
Student Ahmed score is : 10
```

```
Choose an option from the following menu
=====
[1] Search for a student degree
[2] Get top student name and degree
[3] Change a students name
Please enter your choice: 2
Top student name is : Mohamed and his/her score is 20
```

```
Choose an option from the following menu
=====
[1] Search for a student degree
[2] Get top student name and degree
[3] Change a students name
Please enter your choice: 3
Type the name of student to be changed (old name)
Ahmed
Enter new name
Ali
Name successfully changed from Ahmed to Ali
```

Assignment solutions to be uploaded to your github account, then you should send the repo's link to: **khaled.3ttia@gmail.com**