Mastring Embedded System Online Diploma
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Final Term Final Project 2
Student management system

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My profile
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The Run Of Code

We added 3 student

```
1.Add Student:
2.read from file:
3.Dequeue:
4.View Students Info:
5.Count Of Students:
6.Find Student By ID:
7.Find  Student By FirstName:
8.Find Students Registered In course:
9.Delete Student By ID:
10.Updata Student Info:
11.End The Program:
Enter Your Choose: 4
```

```
==================================
        the first name is: Ahmed
        the last name is: Mo
        the ID is 11:
        the GPA is 3.000000 :
        the ID of the 1 course is: 1
        the ID of the 2 course is: 2
        the ID of the 3 course is: 3
        the ID of the 4 course is: 4
        the ID of the 5 course is: 5
==================================
        the first name is: MO
        the last name is: Khaled
        the ID is 47:
        the GPA is 3.100000 :
        the ID of the 1 course is: 1
        the ID of the 2 course is: 4
        the ID of the 3 course is: 7
        the ID of the 4 course is: 9
        the ID of the 5 course is: 5
==================================
        the first name is: sasa
        the last name is: smsm
        the ID is 85:
        the GPA is 4.000000 :
        the ID of the 1 course is: 7
        the ID of the 2 course is: 5
        the ID of the 3 course is: 6
        the ID of the 4 course is: 2
        the ID of the 5 course is: 4
==================================
```

Count of student

```
=====================================

1.Add Student:
2.read from file:
3.Dequeue:
4.View Students Info:
5.Count Of Students:
6.Find Student By ID:
7.Find  Student By FirstName:
8.Find Students Registered In course:
9.Delete Student By ID:
10.Updata Student Info:
11.End The Program:
Enter Your Choose: 5


=====================================
the Number of student = 3
=====================================
```

Search about student
By ID

```
 Enter Your Choose: 6

Enter ID for the Student You want it :85
=====================================
        the first name is: sasa
        the last name is: smsm
        the ID is 85:
        the GPA is 4.000000 :
        the ID of the 1 course is: 7
        the ID of the 2 course is: 5
        the ID of the 3 course is: 6
        the ID of the 4 course is: 2
        the ID of the 5 course is: 4

=====================================
```

By first name

```
Enter Your Choose: 7

Enter The First Name for Student You want it :Ahmed
====================================
        the first name is: Ahmed
        the last name is: Mo
        the ID is 11:
        the GPA is 3.000000 :
        the ID of the 1 course is: 1
        the ID of the 2 course is: 2
        the ID of the 3 course is: 3
        the ID of the 4 course is: 4
        the ID of the 5 course is: 5
====================================
```

Find Students Registered In course

```
Enter Your Choose: 8

Enter The Course ID: 1

====================================
        the first name is: Ahmed
        the last name is: Mo
        the ID is 11:
        the GPA is 3.000000 :
        the ID of the 1 course is: 1
        the ID of the 2 course is: 2
        the ID of the 3 course is: 3
        the ID of the 4 course is: 4
        the ID of the 5 course is: 5
====================================

====================================
        the first name is: MO
        the last name is: Khaled
        the ID is 47:
        the GPA is 3.100000 :
        the ID of the 1 course is: 1
        the ID of the 2 course is: 4
        the ID of the 3 course is: 7
        the ID of the 4 course is: 9
        the ID of the 5 course is: 5
====================================
```

Delete student

```
 Enter Your Choose: 9
Enter Student ID To Delete It
47


==============================
Deletion has been DONE
==============================
```

```
        the first name is: Ahmed
        the last name is: Mo
        the ID is: 11
        the GPA is: 3.000000
        the ID of the 1 course is: 1
        the ID of the 2 course is: 2
        the ID of the 3 course is: 3
        the ID of the 4 course is: 4
        the ID of the 5 course is: 5
====================================
        the first name is: sasa
        the last name is: msms
        the ID is: 85
        the GPA is: 4.000000
        the ID of the 1 course is: 7
        the ID of the 2 course is: 5
        the ID of the 3 course is: 6
        the ID of the 4 course is: 2
        the ID of the 5 course is: 4
====================================
```

Update student

```
 Enter Your Choose: 10

==================================
Enter Student ID That You Want To Update: 11
1. First Name
2. Last Name
3. ID
4. GPA
5. Courses
Choose What You Want To Update: 1
Enter The New First Name: nemo

==================================


====================================
          the first name is: nemo
          the last name is: Mo
          the ID is: 11
          the GPA is: 3.000000
          the ID of the 1 course is: 1
          the ID of the 2 course is: 2
          the ID of the 3 course is: 3
          the ID of the 4 course is: 4
          the ID of the 5 course is: 5
====================================
          the first name is: sasa
          the last name is: msms
          the ID is: 85
          the GPA is: 4.000000
          the ID of the 1 course is: 7
          the ID of the 2 course is: 5
          the ID of the 3 course is: 6
          the ID of the 4 course is: 2
          the ID of the 5 course is: 4
====================================
```