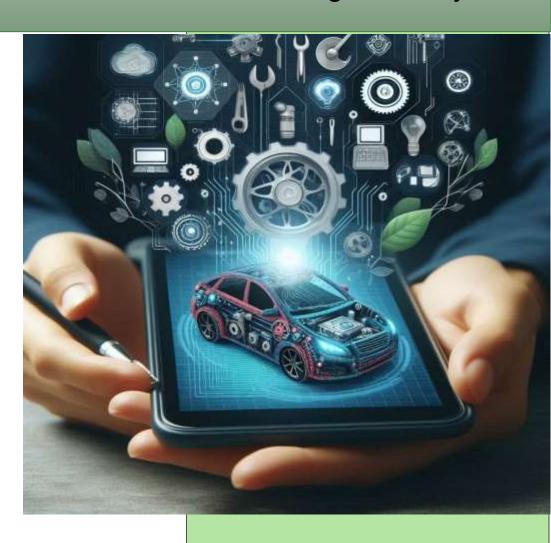


Mastering Embedded System Online Diploma

First Term [Final Project 2]

Student Information Management System



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1 Add Manually:

```
🗷 Console 🗴 🤮 Problems 🕼 Executables 🍱 Debugger Console
<terminated> (exit value: 0) FIFO_BUFFER [C/C++ Application] F:\Embedded Systems New\Diploma\Unit5.FIRST_TERM_PROJECT\STUDENT_INFORMATION_MANAGMENT_SYSTEM\STUDENT_PROJECT\
>>>>>>>>>> task that you want to perform:
1. Add The Student Details Manually
2. Add The Student Details From Text File
3. Find The Student Details by Roll Number
4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
.....Enter Your Choice to perform the task:1
Please enter info of student:
First Name: Mohamed
Last Name: Hakeem
Roll Number:1
GPA: 3.45
number of Courses:3
Courses_Id respectively:1
>>>>>>>>> want to perform:

    Add The Student Details Manually

2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4. Find The Student Details by First Name
5.Find The Student Details by Course ID
6. Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9. Show All Information
10.To Exit
......Enter Your Choice to perform the task:1
|------|
Please enter info of student:
First Name:Ahmed
Last Name: Hakeem
Roll Number:2
GPA:3.6
number of Courses:3
Courses_Id respectively:2
```





2 Add Manually:

```
>>>>>>>>>> task that you want to perform:
1. Add The Student Details Manually
2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4. Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
......ther Your Choice to perform the task:1
Please enter info of student:
First Name: Abarar
Last Name: Mohamed
Roll Number:3
GPA:3.7
number of Courses:4
Courses_Id respectively:6
```

Add with Previous Roll:

```
>>>>>>>>> that you want to perform:
1. Add The Student Details Manually
2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
.....Enter Your Choice to perform the task:1
|------|
Please enter info of student:
First_Name:Basem
Last_Name:Naser
Roll Number:1
GPA:3.2
number of Courses:1
Courses_Id respectively:2
The Roll Number is already used for student: Mohamed
```





3 Show All Information

```
>>>>>>>Choose The Task that you want to perform:

    Add The Student Details Manually

2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9. Show All Information
|-----Enter Your Choice to perform the task:9
10.To Exit
>>>>>>> Number [1]:
First name : Mohamed
Last name : Hakeem
GPA
Courses ID: 1 2 3
>>>>>>>> Number [2]:
First name : Ahmed
Last name : Hakeem
GPA : 3.60
Courses_ID: 2 1 7
>>>>>>>> Number [3]:
First name : Abarar
Last name : Mohamed
GPA.
        : 3.70
Courses_ID: 6 4 3 2
```

4 Find By Roll Name

|>>>>>>>>> that you want to perform:

```
    Add The Student Details Manually

2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
.....Enter Your Choice to perform the task:3
|-----|
Enter The roll number :3
>>>>>> Note: [3]:
First name : Abarar
Last name: Mohamed
GPA : 3.70
Courses: 6 4 3 2
```





5 Find By First Name

```
>>>>>>>> that you want to perform:
1. Add The Student Details Manually
Add The Student Details From Text File
3. Find The Student Details by Roll Number
4. Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9. Show All Information
10.To Exit
.....Enter Your Choice to perform the task:4
Enter The first name number: Ahmed
>>>>>> Info of Roll Number [2]:
First name : Ahmed
Last name : Hakeem
GPA : 3.60
Courses: 2 1 7
```

6 Find By Course Id

>>>>>>>>> that you want to perform:

<<<<<<<<< tornula <pre><</pre><pr

```
1. Add The Student Details Manually
2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4. Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
.....Enter Your Choice to perform the task:5
Enter The Course Id :1
>>>>>>> Note: [1]:
First name : Mohamed
Last name : Hakeem
      : 3.45
>>>>>>> Note: [2]:
First name : Ahmed
Last name : Hakeem
|------|
```





7 Total Number

```
>>>>>>>>Choose The Task that you want to perform:
1. Add The Student Details Manually
2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4. Find The Student Details by First Name
5. Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9. Show All Information
10.To Exit
.....Enter Your Choice to perform the task:6
|-----|
The Total Number of Students is: 3
You can add up to 55 Students
you can add 52 more Students
```

8 Update Student data

```
·>>>>>>>> That you want to perform:
1. Add The Student Details Manually
2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
Enter Your Choice to perform the task:8
Enter The roll number to update entry:1
1:First_Name
2:Last_Name:
3:Roll_No:
4:GPA
First, Take care that student enrolled these Courses:
123
Please Enter the index that you want to modify:
Hint:Indices showed in ordered from 0
Now, Enter The Course ID that you want to enroll rather than second:
|>>>>>>>>>> task that you want to perform:
1. Add The Student Details Manually

    Add The Student Details From Text File
    Find The Student Details by Roll Number

4. Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
Enter The roll number :1
First name : Mohamed
Last name : Hakeem
GPA : 3,45
Courses: 1 2 9
```





9 Delete Student

```
| 1. Add The Student Details From Text File | 3.Find The Student Details by Roll Number | 5.Find The Student Details | 5.Find The Student Deta
```





```
10.To Exit
GPA : 3.70
Courses_ID: 6 4 3 2
|>>>>>>>>> That you want to perform:

1. Add The Student Details Manually

    Add The Student Details From Text File
    Find The Student Details by Roll Number

4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
Enter The roll number :3
|>>>>>>>>> The Task that you want to perform:

    Add The Student Details Manually
    Add The Student Details From Text File

3.Find The Student Details by Roll Number
4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
The Buffer is Empty
-----Student_List---------------
______
>>>>>>>> that you want to perform:

    Add The Student Details Manually

2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4.Find The Student Details by First Name
```





11 Add from File

```
|>>>>>>>>> that you want to perform:
1. Add The Student Details Manually
2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
      .....Enter Your Choice to perform the task:2
  ------
......thter Your Choice to perform the task:9
```

```
>>>>>>> Number [1]:
First name : Mohamed
Last name : Hakeem
Courses_ID: 1 2 3 4 5
>>>>>>> Number [2]:
First name : Ahmed
Last name : Saber
GPA : 3.70
Courses_ID: 1 2 3 21 24 33 47
>>>>>>>>>> Number [3]:
First name : Abrare
Last name : Mohamed
GPA : 3.90
Courses_ID: 3 4
|-----
>>>>>>> Number [4]:
First name : Alaa
Last name : Kareem
GPA : 3.60
Courses_ID: 1 4 6
>>>>>>> Number [5]:
First name : Braa
Last name : Moaid
GPA
Courses_ID: 6 9
```





```
1. Add The Student Details Manually
2. Add The Student Details From Text File
3. Find The Student Details by Roll Number
4. Find The Student Details by First Name
5. Find The Student Details by Course ID
6. Find The Total Number of Students
7. Delete The Student Details by Roll Number
8. Update The Student Details by Roll Number
9. Show All Information
 9.Show All Information
10.To Exit
 Enter Your Choice to perform the task:7
 Enter The roll number :5

1. Add The Student Details Manually
2. Add The Student Details From Text File
3.Find The Student Details by Roll Number
4.Find The Student Details by First Name
5.Find The Student Details by Course ID
6.Find The Total Number of Students
7.Delete The Student Details by Roll Number
8.Update The Student Details by Roll Number
9.Show All Information
10.To Exit
 10.To Exit
 .......Enter Your Choice to perform the task:6
You can add up to 55 Students
you can add 51 more Students
```

>>>>>>>>> you want to perform:

main.c students.txt ×

- 11 Mohamed Hakeem 3.34 5 1 2 3 4 5
- 22 Ahmed Saber 3.7 7 1 2 3 21 24 33 47 33 Abrare Mohamed 3.9 2 3 4
- 44 Alaa Kareem 3.6 3 1 4 6
- 55 Braa Moaid 3.2 2 6 9