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# STUDENT MANAGEMENT QUEUE

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## Available Options

```
Choose One Of The Following Options
1: Add Student Manaully
3: Delete Student Using Roll #
4: View Student With First Name
5: Print Total Number of Students
6: View Students in A Sepecific Course
7: View Student With Roll Number
8: View All Students In Database
9: Enter Students from text file
Option Number: 9
```

## Add Students from Students\_File.txt:

```
Option Number: 9

=====
[INFO] Student Details Are Added Successfully
[INFO] Students Number IS 1
[INFO] Student Details Are Added Successfully
[INFO] Students Number IS 2
[INFO] Student Details Are Added Successfully
[INFO] Students Number IS 3
[INFO] Student Details Are Added Successfully
[INFO] Students Number IS 4
=====
```

## Rejecting An Existing ROLL:

```
Option Number: 1

=====
Enter The Roll No: 1

The Roll Number Already Exist
```

## Deleting A Student from the DB:

```
Option Number: 3

=====
Enter Roll #:1
```

## Viewing Students After Deleting:

```
Option Number: 8

=====
First Name: mohamed
Last Name: Tamer
Roll Num: 7
GPA: 3.500000
Course 1 ID: 1
Course 2 ID: 10
Course 3 ID: 9
Course 4 ID: 6
Course 5 ID: 0
First Name: ibrahim
Last Name: Barakat
Roll Num: 6
GPA: 2.500000
Course 1 ID: 1
Course 2 ID: 2
Course 3 ID: 3
Course 4 ID: 4
Course 5 ID: 0
First Name: Mostafa
Last Name: shady
Roll Num: 11
GPA: 2.800000
Course 1 ID: 5
Course 2 ID: 7
Course 3 ID: 8
Course 4 ID: 6
Course 5 ID: 0
```

## Number of Students And Re-Adding the deleting Student:

```
Option Number: 5

=====
[INFO] Students Number IS 3
=====
Choose One Of The Following Options
1: Add Student Manaully
3: Delete Student Using Roll #
4: View Student With First Name
5: Print Total Number of Students
6: View Students in A Sepecific Course
7: View Student With Roll Number
8: View All Students In Database
9: Enter Students from text file
Option Number: 9

=====
[INFO] Student Details Are Added Successfully
[INFO] Students Number IS 4
The Roll Number Already Exist
The Roll Number Already Exist
The Roll Number Already Exist
```