

1. To add student:

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MAIN MENU
-----

1.Add Student
2.Search Student
3.View Student
4.Delete Student
5.Update Student
6.Grade List
0.Exit

Enter choice => 1

-----
ADD NEW STUDENT
-----
ENTER YOUR DETAILS BELOW:
-----

Student Roll Number =
1

Student Name =
ABCDEF

Enter Student marks in sem 1 for 3 subjects

Enter -1 for marks of each subject if not available
89
79
80

Enter Student marks in sem 2 for 3 subjects

Enter -1 for marks of each subject if not available
67
78
87

Enter Student marks in sem 3 for 3 subjects

Enter -1 for marks of each subject if not available
98
87
86
```

2. Search student:

```
-----
MAIN MENU
-----

1.Add Student
2.Search Student
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5.Update Student
6.Grade List
0.Exit

Enter choice => 2

-----
SEARCH STUDENT
-----
Enter Student Roll number to search:1

Student Roll Number = 1
Student Name = ABCDEF
Sem 0 marks 89 79 80
Sem 1 marks 67 78 87
Sem 2 marks 98 87 86
Sem 3 marks 90 80 84
Sem 4 marks 93 92 98
Sem 5 marks 97 86 98
Sem 6 marks 96 97 98
Sem 7 marks 89 86 89
CGPA = 9.000000

Press any key to go to main menu....._
```

3.view student:

```
MAIN MENU
-----

1.Add Student
2.Search Student
3.View Student
4.Delete Student
5.Update Student
6.Grade List
0.Exit

Enter choice => 3

VIEW STUDENT DETAILS
-----

Student Roll Number = 1
Student Name = ABCDEF

Sem 1 marks 89 79 80
Sem 2 marks 67 78 87
Sem 3 marks 98 87 86
Sem 4 marks 90 80 84
Sem 5 marks 93 92 98
Sem 6 marks 97 86 98
Sem 7 marks 96 97 98
Sem 8 marks 89 86 89

CGPA = 9.000000

Student Roll Number = 2
Student Name = XYZ

Sem 1 marks 56 67 78
Sem 2 marks 68 78 79
Sem 3 marks 7 68 79
Sem 4 marks 79 89 97
Sem 5 marks 87 88 77
Sem 6 marks 78 87 86
Sem 7 marks 83 82 84
Sem 8 marks 68 79 70

CGPA = 8.500000
```

4.Delete student:

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-----
MAIN MENU
-----

1.Add Student
2.Search Student
3.View Student
4.Delete Student
5.Update Student
6.Grade List
0.Exit

Enter choice => 4

DELETE STUDENT DETAILS
-----

Enter Student Roll no. for delete:45

Record deleted successfully....

MAIN MENU
-----
```

5.update student:

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-----
UPDATE RECORD
-----
Enter roll no of the Student to be updated
4

NO RECORD

Press any key to continue
5

-----
MAIN MENU
-----

1.Add Student
2.Search Student
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4.Delete Student
5.Update Student
6.Grade List
0.Exit

Enter choice => 5

-----
UPDATE RECORD
-----
Enter roll no of the Student to be updated
2

Enter 'y' if name change is required, 'n' else not required to change
y

Enter student's updated name =
UVW

Enter 'y' if change required in 1 sem, 'n' else not required to change
n

Enter 'y' if change required in 2 sem, 'n' else not required to change
n

Enter 'y' if change required in 3 sem, 'n' else not required to change
n

Enter 'y' if change required in 4 sem, 'n' else not required to change
```

6. print sorted grade list:

```
-----
MAIN MENU
-----

1.Add Student
2.Search Student
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5.Update Student
6.Grade List
0.Exit

Enter choice => 6

S.No   Roll No   CGPA
1       3       9.600000
2       1       9.000000
3       2       8.500000

Grade List Generated Successfully !!

Press any key to continue
```

```
-----
MAIN MENU
-----

1.Add Student
2.Search Student
3.View Student
4.Delete Student
5.Update Student
6.Grade List
0.Exit

Enter choice => 0

                                     Thank you!!!

Process returned 1 (0x1)   execution time : 1562.734 s
Press any key to continue.
```