```
OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
Enter choice = 1

>> Addition of records

>>Enter student details:
Enter roll no. of student = 1
Enter name no. of student = Rohit Sadhu
Enter marks of 5 subjects: 1 2 3 4 5

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
Enter choice = 1

>> Addition of records

>>Enter student details:
Enter roll no. of student = Ritam Paul
Enter name no. of student = Ritam Paul
Enter names no of student = Ritam Paul
Enter names no f student = Ritam Paul
Enter marks of 5 subjects: 6 7 8 9 0

OPTIONS:
```

```
OPTIONS:

1. Add record

2. Search record

3. Modify record

4. Delete record

5. Display record
Enter choice = 1

>> Addition of records

>>Enter student details:
Enter roll no. of student = 5
Enter name no. of student = Anirban Ghosh
Enter manks of 5 subjects: 10 20 30 40 50

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
Enter choice = 5

>> Displaying of records

>>Roll no. of student = 1
=>Hame of student: Rohit Sadhu
=>>Harks:

sub 0 = 1.000000
sub 2 = 3.000000
sub 2 = 3.000000
```

```
=>Roll no. of student = 1
=>Name of student: Rohit Sadhu
=>Marks:

sub 0 = 1.000000
sub 1 = 2.000000
sub 2 = 3.000000
sub 3 = 4.000000
sub 4 = 5.000000
sub 4 = 5.000000

=>Roll no. of student = 2
=>Name of student: Ritam Paul
=>Marks:

sub 0 = 6.000000
sub 1 = 7.000000
sub 2 = 8.000000
sub 3 = 9.000000
sub 3 = 9.000000
sub 4 = 0.000000
sub 4 = 0.000000
sub 4 = 0.000000
sub 1 = 0.000000
sub 1 = 0.000000
sub 1 = 0.000000
sub 1 = 0.000000
sub 3 = 0.000000
sub 4 = 0.000000
sub 4 = 0.000000
sub 1 = 0.000000
sub 3 = 0.000000
sub 4 = 0.000000
sub 1 = 0.000000
sub 3 = 0.000000
sub 4 = 0.000000
sub 4 = 0.000000
sub 4 = 0.000000
sub 5 = 0.0000000
sub 6 = 0.0000000
sub 7 = 0.0000000
sub 8 = 0.0000000
sub 9 = 0.0000000
sub 9 = 0.0000000
sub 9 = 0.0000000
```

```
Enter roll no. = 1

=>Record found, at pos = 0

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record Enter choice = 2

=> Search

Enter roll no. = 4

=>Record not found

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
6. Display record
7. Modify record
8. Modify record
9. Delete record
1. Delet
```

```
Enter roll no. = 3

=>Record not found

OPTIONS:

1. Add record

2. Search record

3. Modify record

4. Delete record

5. Display record

Enter choice = 3

=> Modify

Enter roll no. = 2

=>Enter new details:
Enter roll no. of student = 2
Enter name no. of student = AECDEFGHIJKLMNOPQRSTUVWXYZ
Enter marks of 5 subjects: 11 22 33 44 55

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
Enter choice = 5

=> Displaying of records
```

```
Enter roll no. to delete = 5
Enter mode of deletion 0 for logical and 1 for physical = 0

--Deleted successfully

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
Enter choice = 5

=> Displaying of records

=>Roll no. of student = 1

=>Name of student: Rohit Sadhu

=>Marks:

sub 0 = 1.000000

sub 1 = 2.000000

sub 2 = 3.000000

sub 4 = 5.000000

sub 4 = 5.000000

sub 4 = 5.000000

sub 6 = 1.000000

sub 7 = 3.000000

sub 8 = 1.000000

sub 9 = 3.000000

sub 1 = 22.000000

sub 1 = 22.000000

sub 1 = 23.000000

sub 2 = 33.000000

sub 2 = 33.000000

sub 3 = 44.000000

sub 4 = 55.000000

sub 4 = 55.000000
```

```
=>Roll no. of student = 2
=>Name of student: ABCDEFGHIJKLMNOPQRSTUVWXYZ

=>Marks:

sub 0 = 11.000000
sub 1 = 22.000000
sub 2 = 33.000000
sub 2 = 34.000000
sub 4 = 55.000000

=>Roll no. of student = -1
=>Name of student:

=>Marks:

sub 0 = 0.000000
sub 1 = 0.000000
sub 2 = 0.000000
sub 2 = 0.000000
sub 4 = 0.000000
sub 4 = 0.000000
sub 4 = 0.000000
sub 6 = 0.000000
sub 7 = 0.000000
sub 8 = 0.000000
sub 9 = 0.000000
sub 1 = 0.000000
sub 1 = 0.000000
sub 2 = 0.000000
sub 3 = 0.000000
sub 3 = 0.000000
sub 4 = 0.000000
sub 5 = 0.000000
sub 6 = 0.000000
sub 7 = 0.000000
sub 8 = 0.000000
sub 9 = 0.000000
sub 1 = 0.000000
```

```
=>Roll no. of student = 5
=>Mane of student: $4#0
=>Marks:

sub 0 = 10.000000
sub 1 = 20.000000
sub 2 = 30.000000
sub 3 = 40.000000
sub 4 = 50.00000

Sub 4 = 50.00000

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
Enter roll no. to delete = 5
Memory location is logically deleted!!!
Enter mode of deletion 0 for logical and 1 for physical = 1

--Deleted successfully

OPTIONS:
1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
5. Add record
6. Add record
7. Search record
8. Modify record
9. Search record
9. Search record
9. Delete record
9. Delete record
9. Display record
```

```
5. Display record
Enter choice = 5

=> Displaying of records

=>Roll no. of student = 1

=>Name of student: Rohit Sadhu

=>Marks:

sub 0 = 1.000000

sub 1 = 2.000000

sub 2 = 3.000000

sub 3 = 4.000000

sub 4 = 5.000000

=>Roll no. of student = 2

=>Name of student: ABCDEFGHIJKLMNOPQRSTUVWXYZ

=>Marks:

sub 0 = 11.000000

sub 1 = 22.000000

sub 2 = 33.000000

sub 2 = 33.000000

sub 3 = 44.000000

sub 4 = 55.000000

=>Roll no. of student = -1

=>Name of student:

=>Marks:

sub 0 = 0.000000

sub 4 = 0.000000

sub 4 = 0.000000

sub 5 = 0.000000

sub 6 = 0.000000

sub 7 = 0.000000

sub 8 = 0.000000

sub 9 = 0.000000

sub 9 = 0.000000

sub 1 = 0.000000

sub 1 = 0.000000

sub 1 = 0.000000

sub 1 = 0.000000

sub 2 = 0.000000

sub 4 = 0.000000
```

```
5. Display record
Enter choice = 5

=> Displaying of records

=>Roll no. of student = 1

=>Name of student: Rohit Sadhu

=>Marks:

sub 0 = 1.000000

sub 1 = 2.000000

sub 2 = 3.000000

sub 4 = 5.000000

=>Roll no. of student = 2

=>Name of student: $&#0

sub 0 = 11.000000

sub 0 = 23.000000

sub 1 = 22.000000

sub 1 = 22.000000

sub 2 = 33.000000

sub 2 = 33.000000

sub 4 = 55.000000

=>Roll no. of student = -1

=>Name of student:

=>Marks:

sub 0 = 0.000000

sub 4 = 0.000000

sub 1 = 0.000000

sub 2 = 0.000000

sub 3 = 0.000000

sub 4 = 0.000000

sub 4 = 0.000000

sub 4 = 0.000000
```

```
=>Roll no. of student:
=>Marks:

sub 0 = 0.000000
sub 1 = 0.000000
sub 2 = 0.000000
sub 2 = 0.000000
sub 3 = 0.000000
sub 4 = 0.000000

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
Enter choice = 4

=> Deletion of records

Enter roll no. to delete = 3

>> Entry does not exist!!! Cannot delete :'(

OPTIONS:

1. Add record
4. Search record
5. Display record
Enter roll no. to delete = 3

>> Entry does not exist!!! Cannot delete :'(

OPTIONS:

1. Add record
2. Search record
3. Modify record
4. Delete record
5. Display record
5. Display record
6. Display record
```