

```

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 = 2
Enter name no. of student = Ritam Paul
Enter marks of 5 subjects: 6 7 8 9 0

OPTIONS:

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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 marks 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
=>Name of student: Rohit Sadhu
=>Marks:
    sub 0 = 1.000000
    sub 1 = 2.000000
    sub 2 = 3.000000

```

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=>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: Ritam Paul
=>Marks:
    sub 0 = 6.000000
    sub 1 = 7.000000
    sub 2 = 8.000000
    sub 3 = 9.000000
    sub 4 = 0.000000

=>Roll no. of student = -1
=>Name of student:
=>Marks:
    sub 0 = 0.000000
    sub 1 = 0.000000
    sub 2 = 0.000000
    sub 3 = 0.000000
    sub 4 = 0.000000

=>Roll no. of student = -1
=>Name of student:
=>Marks:
    sub 0 = 0.000000

```

```
=>Roll no. of student = -1
=>Name of student:
=>Marks:
    sub 0 = 0.000000
    sub 1 = 0.000000
    sub 2 = 0.000000
    sub 3 = 0.000000
    sub 4 = 0.000000

=>Roll no. of student = 5
=>Name of student: Anirban Ghosh
=>Marks:
    sub 0 = 10.000000
    sub 1 = 20.000000
    sub 2 = 30.000000
    sub 3 = 40.000000
    sub 4 = 50.000000

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

=> Search

Enter roll no. = 1
```

```
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
Enter choice = 3

=> Modify

Enter roll no. = 3
```

```
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 = ABCDEFGHIJKLMNOPQRSTUVWXYZ
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
```

```
=> 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 3 = 44.000000
    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 3 = 0.000000
    sub 4 = 0.000000

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

```
=>Roll no. of student = -1
=>Name of student:
=>Marks:
    sub 0 = 0.000000
    sub 1 = 0.000000
    sub 2 = 0.000000
    sub 3 = 0.000000
    sub 4 = 0.000000

=>Roll no. of student = 5
=>Name of student: Anirban Ghosh
=>Marks:
    sub 0 = 10.000000
    sub 1 = 20.000000
    sub 2 = 30.000000
    sub 3 = 40.000000
    sub 4 = 50.000000

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 = 5
Enter mode of deletion 0 for logical and 1 for physical = 0
```

```
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 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 3 = 44.000000
    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 3 = 44.000000
    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 3 = 0.000000
    sub 4 = 0.000000
```

```
=>Roll no. of student = -1
=>Name of student:
=>Marks:
    sub 0 = 0.000000
    sub 1 = 0.000000
    sub 2 = 0.000000
    sub 3 = 0.000000
    sub 4 = 0.000000
```

```
=>Roll no. of student = 5
=>Name of student: $s#@
=>Marks:
    sub 0 = 10.000000
    sub 1 = 20.000000
```

```
=>Roll no. of student = 5
=>Name of student: $s#@
=>Marks:
    sub 0 = 10.000000
    sub 1 = 20.000000
    sub 2 = 30.000000
    sub 3 = 40.000000
    sub 4 = 50.000000
```

```
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 = 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. 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 3 = 44.000000
    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 3 = 0.000000
    sub 4 = 0.000000
```

```

=>Roll no. of student = -1
=>Name of student:
=>Marks:
    sub 0 = 0.000000
    sub 1 = 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 = 2
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

```

```

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: $&#@
=>Marks:
    sub 0 = 11.000000
    sub 1 = 22.000000
    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 1 = 0.000000
    sub 2 = 0.000000
    sub 3 = 0.000000
    sub 4 = 0.000000

```

```

=>Roll no. of student = -1
=>Name of student:
=>Marks:
    sub 0 = 0.000000
    sub 1 = 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
2. Search record
3. Modify record
4. Delete record
5. Display record
Enter choice = 0
PS C:\Users\rohit\Desktop\Assignments\21Sept21SKS\code> |

```