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Class :- B

ESFP-II

## **Practical 1:**

DMA: Definition: Student Information System.

Lords Universal College, which is situated at Mumbai. College authority decides to come up with a new idea for handling examination section seating arrangements for different-different courses. For that, college wants separate records, those who one is giving a remedial exam for the semester-II. For that, the college wants to take all the information related to students like rollno, name, class, semester, subject, and exam fee. So, whenever is required to search records by id, or by name or by class, he can search randomly and make a proper seating arrangement as per the rules of the examination committee.

So, for the fulfilment of the above said requirement make a proper DMA program using C.

Program Output should be in the following format:

Enter how many records you want to store:3

1001 Sumit Thirteen I ComSci 500

1002 Priya Fourteen II IT 750

1003 Rup fifteen VI Math 500

========Output of student information=======

1001 Sumit Thirteen I ComSci 500

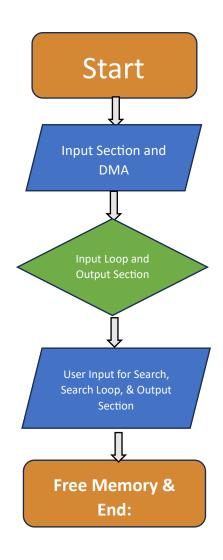
1002 Priya Fourteen IIIT IT 750

1003 Rup fifteen VIMath Math 500

Find the student record by name:

**Enter student name:Priya** 

1002 Priya Fourteen IIIT IT 750



## Code:

```
#Include cstdis.h>
#Include cstd
```

## Output:

```
©:\ C:\Users\MANAN\OneDrive\E × + ~
Enter how many records you want to store: 2
Enter student records (rollno name class semester subject examFee):
101 man fifth I maths 700
101 manan seventh II Science 720
Duplicate ID found! Please enter the information again.
102 Manan Fifth II Science 500
101 man fifth I maths 700
102 Manan Fifth II Science 500
Choose search option:

    Search by ID
    Search by Name
    Search by Class

Enter the ID to search: 102
Find the student record by ID:
102 Manan Fifth II Science 500
Process exited after 174.2 seconds with return value 0
Press any key to continue . . .
```