STUDENT MANAGEMENT SYSTEM

MADE BY: 21BCE197 - PATEL JANAM

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Information about project:

Student management system is made for inserting details of student studying in a college and using it for several purposes.

Characteristics of it are:

- Name
- Roll number
- Address
- Contact Number
- Date of Birth
- Email
- Name of Previous School
- Current Semester
- Percentage

DATA STRUCTURE USED: **DOUBLY LINKED LIST**

OUTPUT:

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Jay patel> cd "c:\Users\Jay patel\Desktop\web devlopment\" ; if ($?) { gcc dsa.c -o dsa } ; if ($?) { .\dsa }
 _____
|                                                                              |
|                     |=====================================|                  |
|=====================< WELCOME TO STUDENT DATABASE SYSTEM  >===================|
|                     |=====================================|                  |
|                           BY: 21BCE197,21BCE198,21BCE199                      |
|_____|


 _____
| 1 | To add a student                      |
|---|---------------------------------------|
| 2 | To remove student                     |
|---|---------------------------------------|
| 3 | To display entire list of students    |
|---|---------------------------------------|
| 4 | To search a specific student          |
|---|---------------------------------------|
| 5 | To Filter                             |
|---|---------------------------------------|
| 6 | To Exit                               |
|___|_____|

ENTER YOUR CHOICE : 1
```

```
Enter Name of student : Rahul
Enter Roll number of student : 22
Enter Date of birth of student
Year : 2003
Month : 10
Day : 22
Enter Contact number of student : 927272820
Enter address of student : Sardardham
Enter email address of student : xcvgh@nirma
Enter name of last school attended: DPS
Enter current semester of student : 3
Enter percentage(last sem) of student : 90
STUDENT REGISTRATION HAS BEEN DONE SUCCESSFULLY!!

 _____
| 1 | To add a student                      |
|---|---------------------------------------|
| 2 | To remove student                     |
|---|---------------------------------------|
| 3 | To display entire list of students    |
|---|---------------------------------------|
| 4 | To search a specific student          |
|---|---------------------------------------|
| 5 | To Filter                             |
|---|---------------------------------------|
| 6 | To Exit                               |
|___|_____|

ENTER YOUR CHOICE : 1
```

```
Enter Name of student : Tom Cruise
Enter Roll number of student : 5
Enter Date of birth of student
Year : 2003
Month : 2
Day : 2
Enter Contact number of student : 9876545678
Enter address of student : Hiramani
Enter email address of student : iuhgfg@nirma
Enter name of last school attended: DAIICT
Enter current semester of student : 5
Enter percentage(last sem) of student : 85
STUDENT REGISTRATION HAS BEEN DONE SUCCESSFULLY!!


 _____
| 1 | To add a student                |
|---|---------------------------------|
| 2 | To remove student               |
|---|---------------------------------|
| 3 | To display entire list of students|
|---|---------------------------------|
| 4 | To search a specific student    |
|---|---------------------------------|
| 5 | To Filter                       |
|---|---------------------------------|
| 6 | To Exit                         |
|___|_____|
```

```
ENTER YOUR CHOICE : 2


ENTER STUDENT'S ROLL NO YOU WANT TO REMOVE : 5
DATA HAS BEEN DELETED SUCCESSFULLY!!


 _____
| 1 | To add a student             |
|---|------------------------------|
| 2 | To remove student            |
|---|------------------------------|
| 3 | To display entire list of students|
|---|------------------------------|
| 4 | To search a specific student |
|---|------------------------------|
| 5 | To Filter                    |
|---|------------------------------|
| 6 | To Exit                      |
|___|_____|

ENTER YOUR CHOICE : 3
```

```
=======================================================================================================================
|ROLL NO  |   NAME    |      EMAIL      | D.O.B     | CONTACT   |     ADDRESS        |PREVIOUS SCHOOL |CURRENT SEM | PERCENTAGE(LAST SEM)|
=======================================================================================================================
| 56      | Janam     | Sardardham      |5 -10-2003| 1286608860 | uytfh@nirma        | Gurukul        | 3          | 75.000000           |
| 7       | Jay Shah  | jbvcfg@nirma    |15-7 -2002| 2059600603 | BCCI               | Narsee Monjee  | 5          | 65.000000           |
| 69      | Johnny    | dfgjiug@nirma   |25-3 -2000| 787854345  | Godrej Garden City | CN Vidhyalay   | 4          | 78.000000           |
| 22      | Rahul     | xcvgh@nirma     |22-10-2003| 927272820  | Sardardham         | DPS            | 3          | 90.000000           |
-----------------------------------------------------------------------------------------------------------------------
```

```
ENTER YOUR CHOICE : 4


1.BY ROLL NO
2.BY NAME
ENTER YOUR CHOICE : 1
ENTER THE ROLL NO OF STUDENT YOU WANT TO SEARCH : 56
=======================================================================================================================
|ROLL NO  |   NAME    |      EMAIL      |          | CONTACT   |     ADDRESS        |PREVIOUS SCHOOL |CURRENT SEM | PERCENTAGE(LAST SEM)|
=======================================================================================================================
| 56      | Janam     | Sardardham      |          | 1286608860 | uytfh@nirma        | Gurukul        | 3          | 75.000000           |
-----------------------------------------------------------------------------------------------------------------------
```

```
ENTER YOUR CHOICE : 4


1.BY ROLL NO
2.BY NAME
ENTER YOUR CHOICE : 2
ENTER THE NAME OF STUDENT YOU WANT TO SEARCH : Jay Shah
=====================================================================================================================
|ROLL NO   |   NAME   |     EMAIL      |   CONTACT   |    ADDRESS     |PREVIOUS SCHOOL |CURRENT SEM | PERCENTAGE(LAST SEM)|
---------------------------------------------------------------------------------------------------------------------
| 7        | Jay Shah | jbvcfg@nirma   | 2059600603  | BCCI           | Narsee Monjee  | 5          | 65.000000           |
---------------------------------------------------------------------------------------------------------------------
ENTER YOUR CHOICE : 5


1.by name
2.by D.O.B
2
1 .BY MONTH
2 .BY YEAR
ENTER CHOICE: 1
Enter month of birth date: 10
=====================================================================================================================
|ROLL NO   |   NAME   |     EMAIL      |  D.O.B    |  CONTACT  |    ADDRESS     |PREVIOUS SCHOOL |CURRENT SEM | PERCENTAGE(LAST SEM)|
=====================================================================================================================
| 56       | Janam    | Sardardham     |5 -10-2003 | 1286608860| uytfh@nirma    | Gurukul        | 3          | 75.000000           |
| 22       | Rahul    | xcvgh@nirma    |22-10-2003 | 927272820 | Sardardham     | DPS            | 3          | 90.000000           |
---------------------------------------------------------------------------------------------------------------------
 ___ _____
| 1 | To add a student              |
|---|-------------------------------|
| 2 | To remove student             |
|---|-------------------------------|
| 3 | To display entire list of students|
|---|-------------------------------|
| 4 | To search a specific student  |
|---|-------------------------------|
| 5 | To Filter                     |
|---|-------------------------------|
| 6 | To Exit                       |
|___|_____|

ENTER YOUR CHOICE : 6

PS C:\Users\Jay patel\Desktop\web devlopment>
```