# Object Oriented Programming Project

## Topic:- Student Management System

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Submitted To:-

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# *Objective*!!!

➢ It will improve the academic administration processes- leaving more time to concentrate on core activities of teaching, learning and research.

➢ Effective Student Record Management.

➢ Help to access the system to all necessary personnel.

# *About Project!!!*

➢ Student Management System as the name indicates will be used for managing student records that will be used for various purposes. Accepting correct data will result in generating the desired output in correct format without any delay.

➢ This system has been enabled with validation data checkup while entering the data and before saving it to the particular file. Students will also able to check their data and modify their basic information as per their requirements.
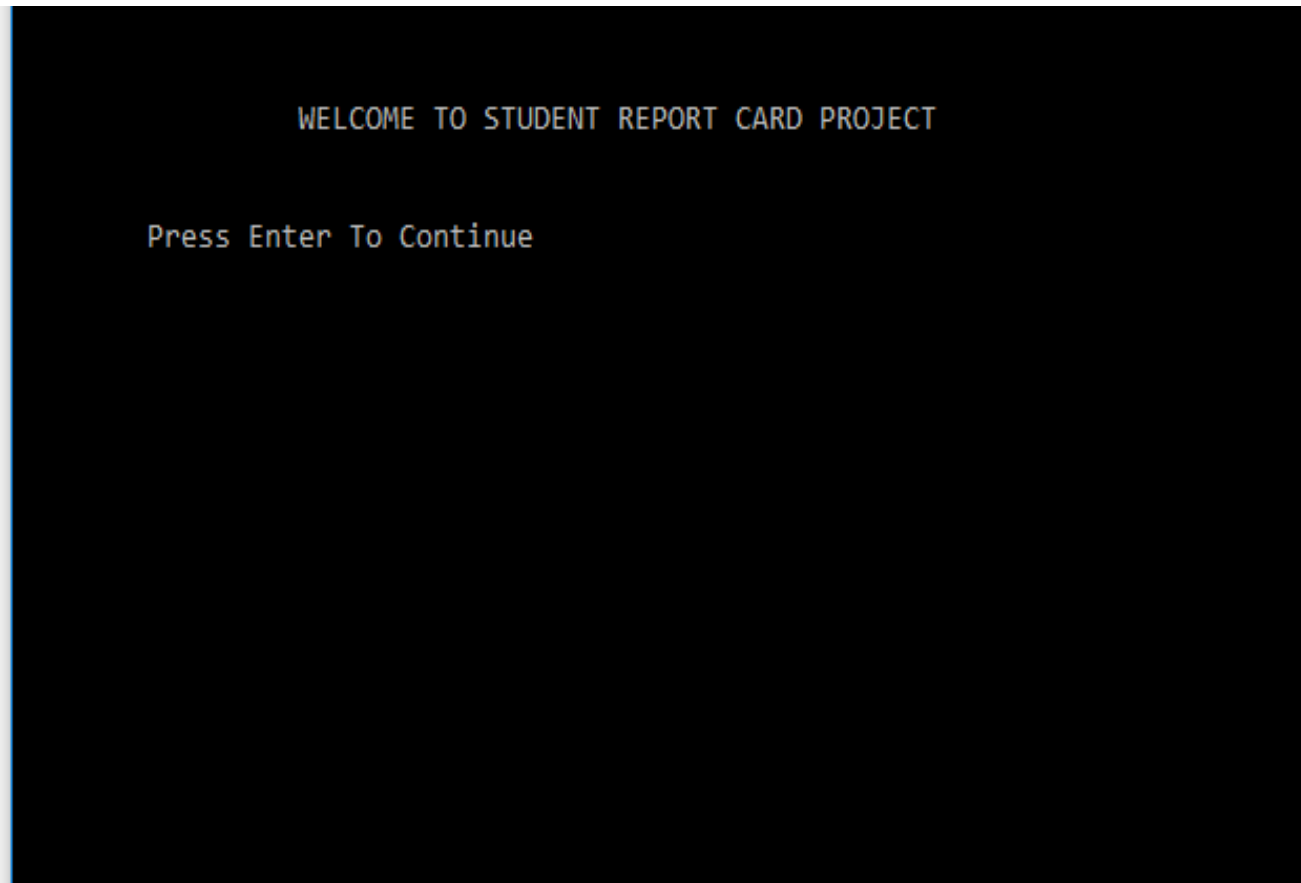
**Based on C++**

# *Key Features!!!*

The key features of student management system are:

➤ Add record
➤ List record
➤ Delete record
➤ Use of File Handling.

# *Snapshots of Output!!!*

1. Main Page:

2. Main Menu:

```
MAIN MENU

01. RESULT MENU

02. ENTRY/EDIT MENU

03. EXIT

Please Select Your Option (1-3)
```

## 3. Entry Menu:

```
ENTRY MENU

1.CREATE STUDENT RECORD

2.DISPLAY ALL STUDENTS RECORDS

3.SEARCH STUDENT RECORD

4.MODIFY STUDENT RECORD

5.DELETE STUDENT RECORD

6.BACK TO MAIN MENU

Please Enter Your Choice (1-6)
```

## 4. Student Record

```
Enter The roll number of student 2

Enter The Name of student Priyansh Maltare

Enter The marks in physics out of 100 : 98

Enter The marks in chemistry out of 100 : 91

Enter The marks in maths out of 100 : 79

Enter The marks in english out of 100 : 70

Enter The marks in computer science out of 100 : 92


Student record Has Been Created
```

## 5. Result Menu

```
RESULT MENU

1. Class Result

2. Student Report Card

3. Back to Main Menu


Enter Choice (1/2/3)?
```
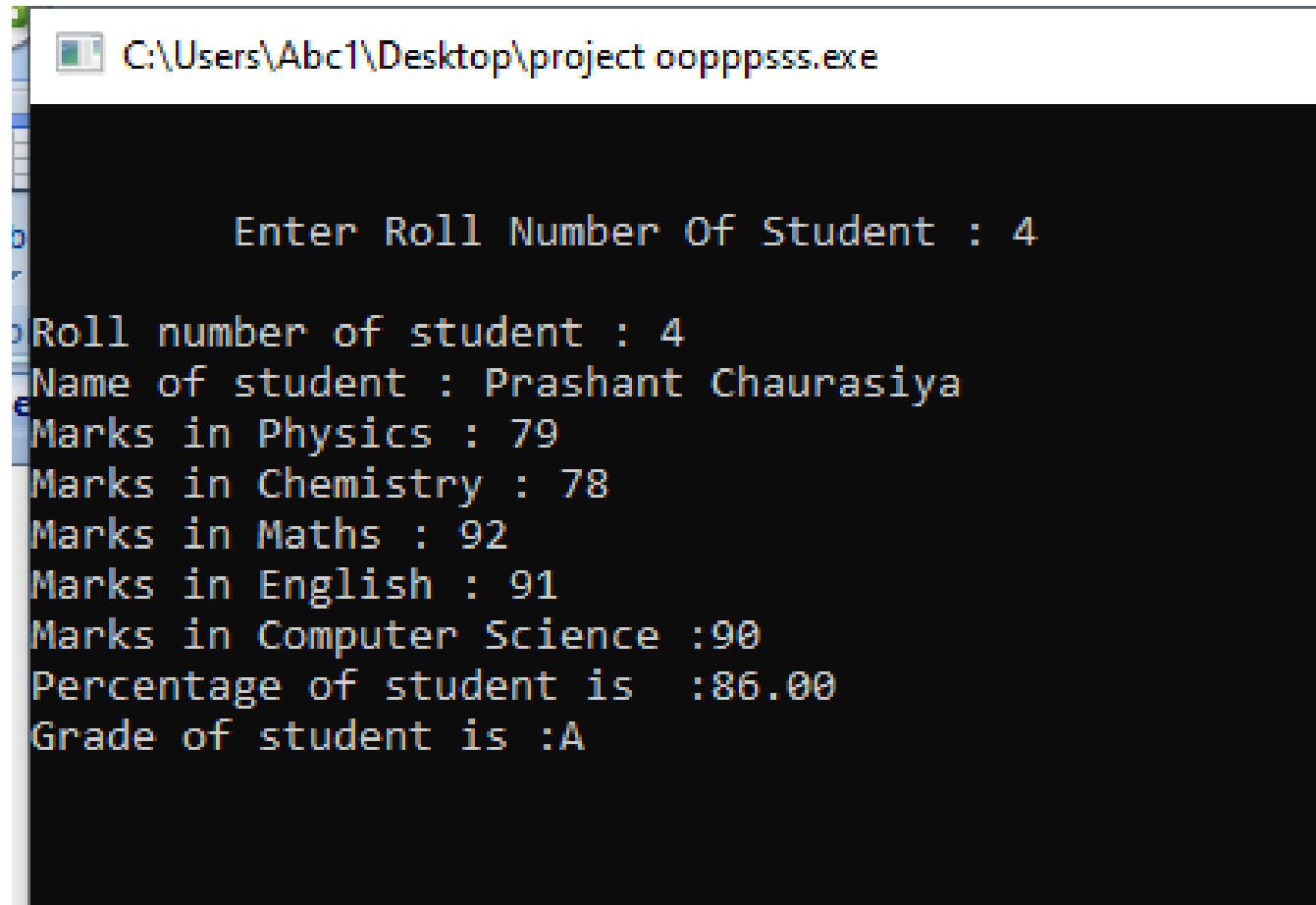
## 6. Student Result



Select C:\Users\Abc1\Desktop\project oopppsss.exe

```
           ALL STUDENTS RESULT

==================================================================
R.No       Name          P    C    M    E    CS    %age     Grade
==================================================================
1       Pratigya Agrawal        91   90   87   89   88    89.00      A
2       Priyansh Maltare        98   91   79   70   92    86.00      A
3       Punit Kumar Mishra         89   87   82   89   79    85.20      A
4       Prashant Chaurasiya         79   78   92   91   90    86.00      A
5       Richa Deshapnde         92   79   77   83   89    84.00      A
```

## 7. Report Card

```
        Enter Roll Number Of Student : 4

Roll number of student : 4
Name of student : Prashant Chaurasiya
Marks in Physics : 79
Marks in Chemistry : 78
Marks in Maths : 92
Marks in English : 91
Marks in Computer Science :90
Percentage of student is  :86.00
Grade of student is :A
```

# *Improvements!!!*

➢ We can add more personal information about a particular student.

➢ We can enhance the project by adding some more formatting tools.

# THANK YOU