



Student Report Mangement System



TEAMMATES

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Introduction

This C++ Project on STUDENT REPORT has student class with data members like roll no, name, marks and grade. Member functions in this class are used for accept / display details of students and a function to calculate grade based on marks obtained by student. Student Records are stored in binary file.



ABSTRACT


The present project is aimed to be create a C++ program that can store, retrieve, display, insert, delete and modify a student's marks in their subjects. The program is completely menu driven without any graphical interface. The data is stored in a binary file for future reference.





OBJECTIVE

The Main Objective is To
create a student report
management system for
SRM AP



Modules Used:

Void student::calculate()

We used this function to calculate the marks of the student.

Void student::getdata ()

We used this function to get data the sufficient data like name , subject marks etc..

Void student::show data()

We used this function to show the data what we have entered in the previous one.

Void student::show _tabular ()

We used this function to show the data in the tabular form.

Void display_all ()

We used this data to display all the data what we have entered the details about student report card.

Void delete_student (int n)

Here we can delete the data.

Void class_result ()

We used this function to display the all class result in the report card.

Void display_SP ()

This function accepts a roll no as input and displays the record of that specific roll number.

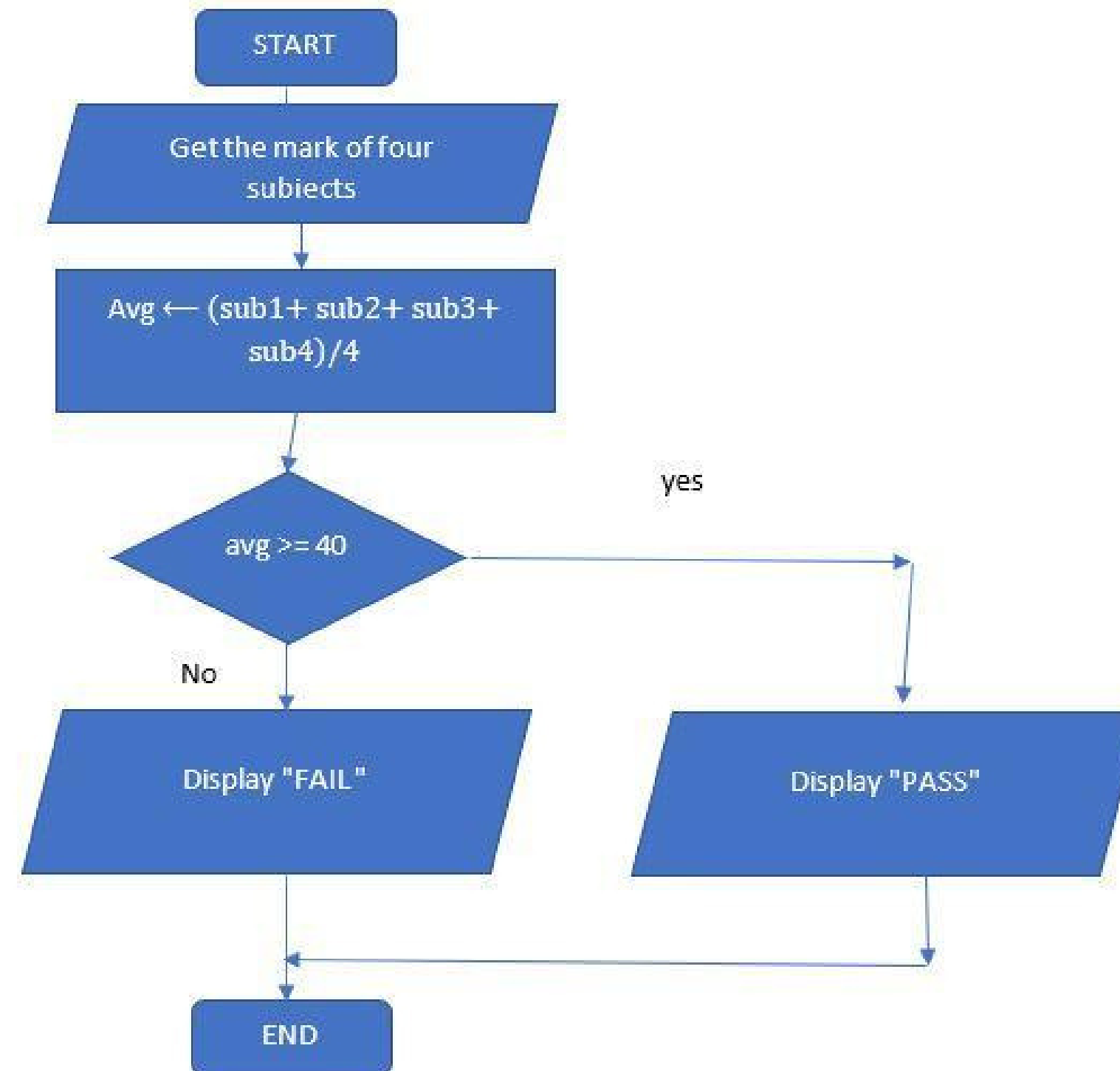
Void modify_student ()

It accepts a roll no as input and updates the changes made by the user.

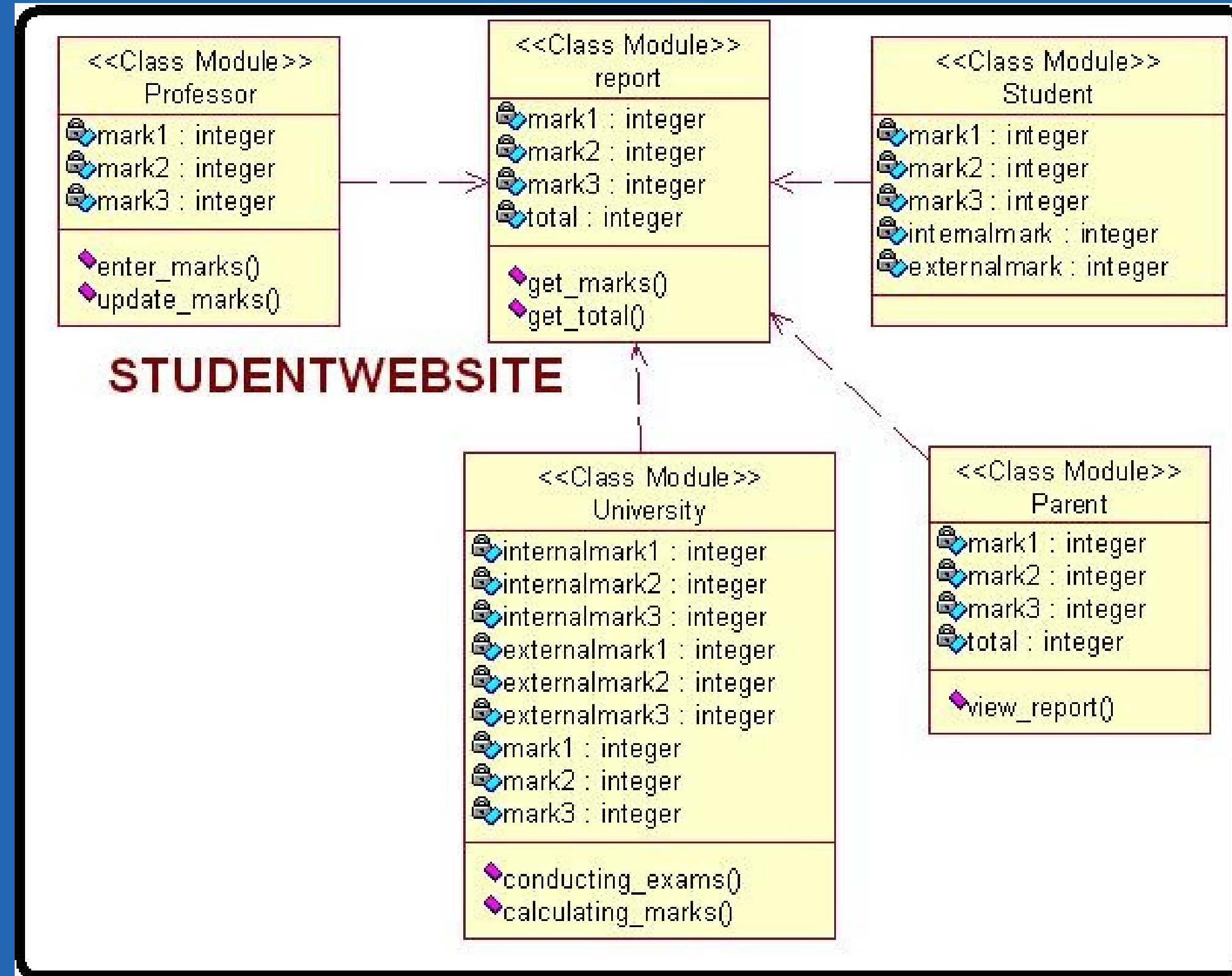
Void write_student ()

This function helps us to add new students to the record.

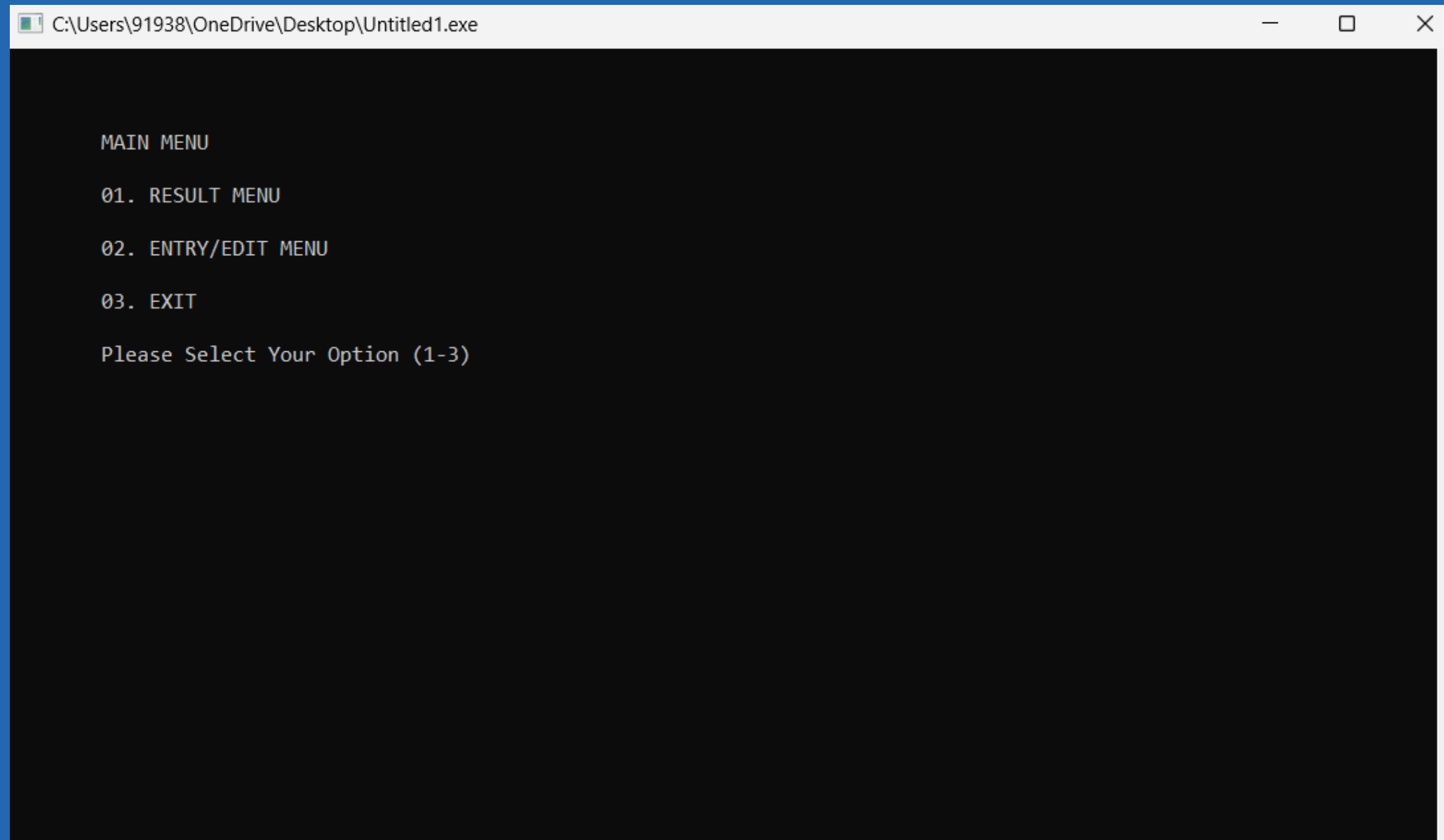
Flow chart:



Class Diagram:



INPUT:



```
C:\Users\91938\OneDrive\Desktop\Untitled1.exe

MAIN MENU

01. RESULT MENU

02. ENTRY/EDIT MENU

03. EXIT

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

Choose an option from the above

```
C:\Users\91938\OneDrive\Desktop\Untitled1.exe

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) _
```

Again Choose an option from the above

we create the student record by pressing 1

```
C:\Users\91938\OneDrive\Desktop\Untitled1.exe

ENTRY MENU

1.CREATE STUDENT RECORD

2.DISPLAY ALL STUDENTS RECORDS

3.SEARCH STUDENT RECORD

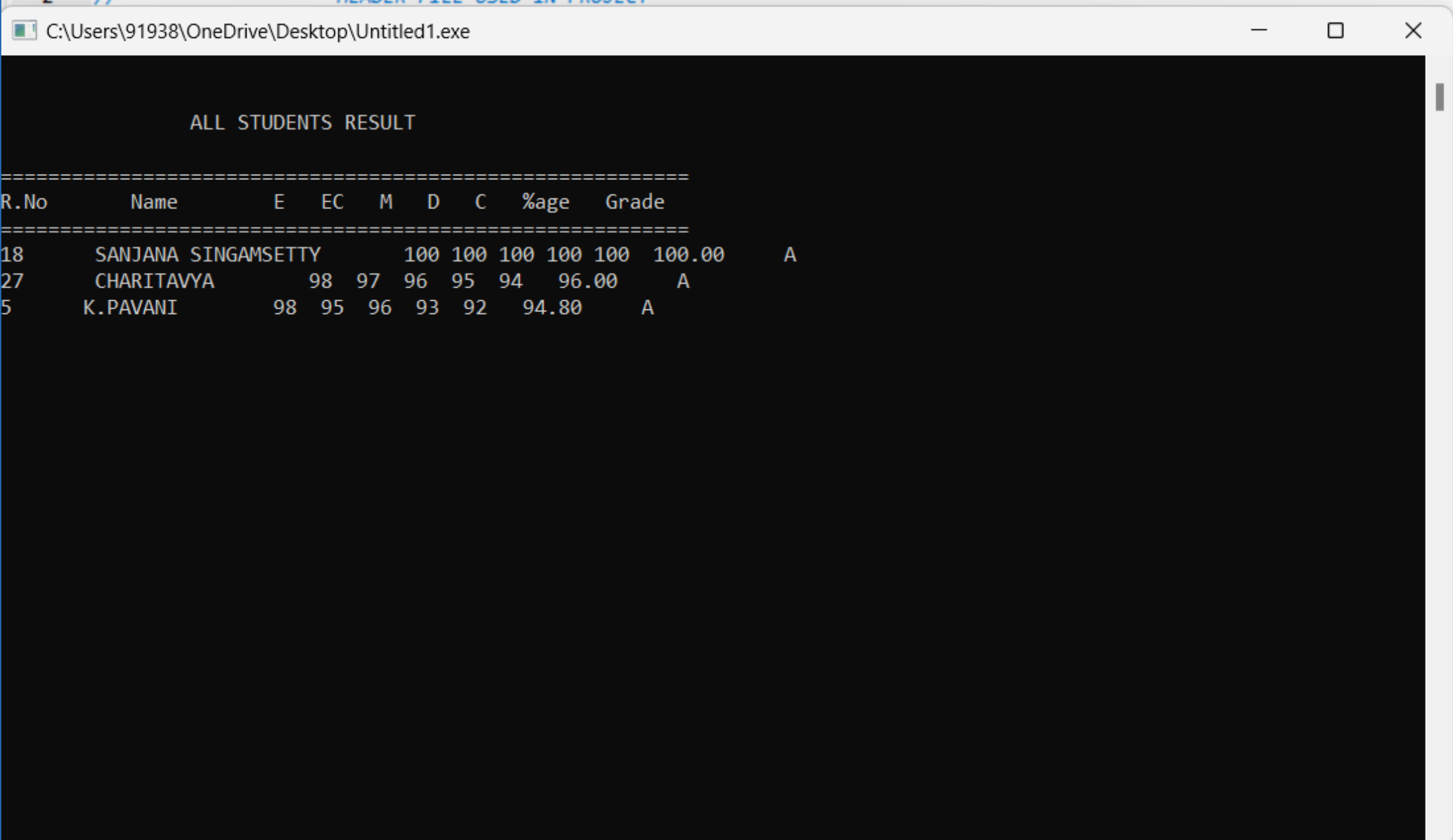
4.MODIFY STUDENT RECORD

5.DELETE STUDENT RECORD

6.BACK TO MAIN MENU

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

Output:



R.No	Name	E	EC	M	D	C	%age	Grade
18	SANJANA SINGAMSETTY			100	100	100	100	100.00 A
27	CHARITAVYA	98	97	96	95	94	96.00	A
5	K.PAVANI	98	95	96	93	92	94.80	A

when we display it we find the prior input entered

Thankyou