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**OOP LAB**

**PROJECT REPORT**

**Submitted To: Sir Atif bajwa**

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**Muhammad Arham**

**Muhammad Nouman**

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**Reg. Number: 2012203**

**2012233**

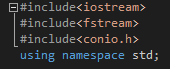
**2012225**

**2012227**

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**Header Files:**

Following are the header files that we have used:

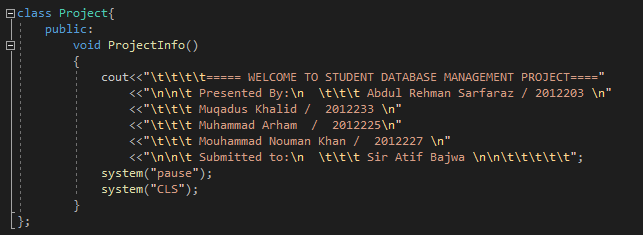
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**Iostream:** stands for standard input-output stream.

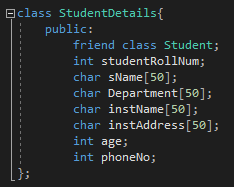
**Fstream**: It is used to create files, write information to files, and read information from files.

**conio.h**: It is a non-standard header file used in C++ programming. This file contains console input-output functions which are mostly used by MS-DOS compilers. .

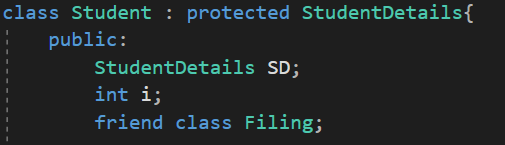
**CLASS 1:** This class is just to display name and project info:

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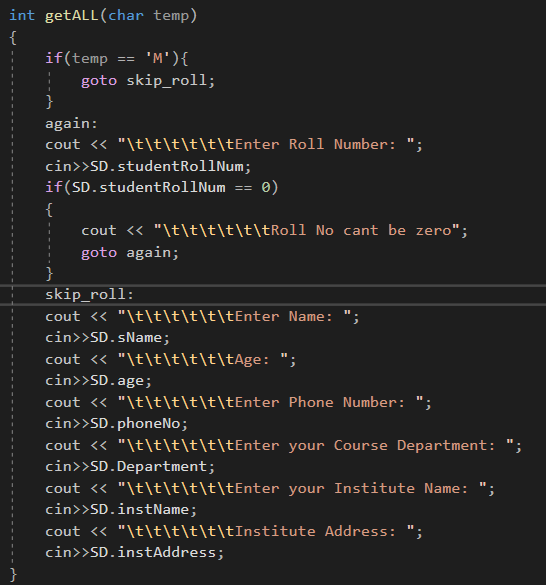
**CLASS 2:** This class just contains the Data members: and friend class of next class. Name student.

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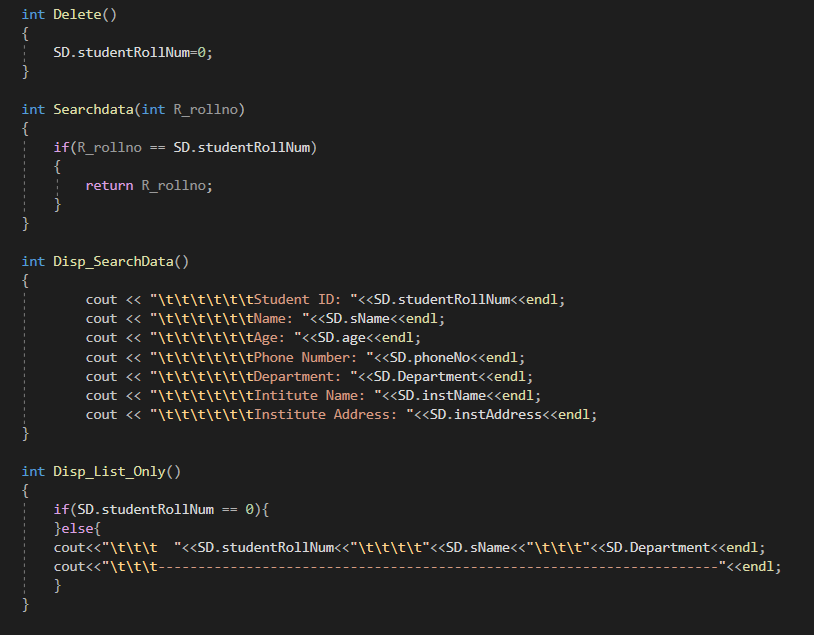
**Class 3:** This class inherited the 2nd class and its also the friend of 2nd class, it contains 6 functions, **getAll, Delete, SearchData, Disp\_SearchData,** and **Display\_List \_Only.**

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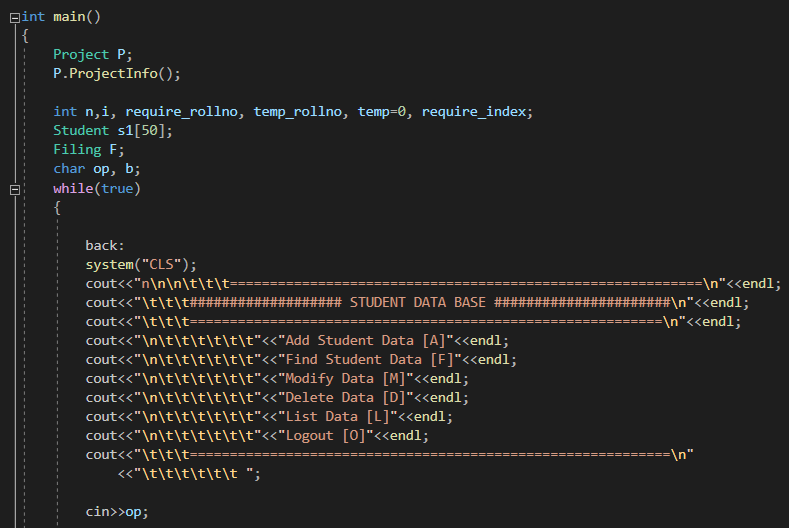
**Function 1 of Class 3:**

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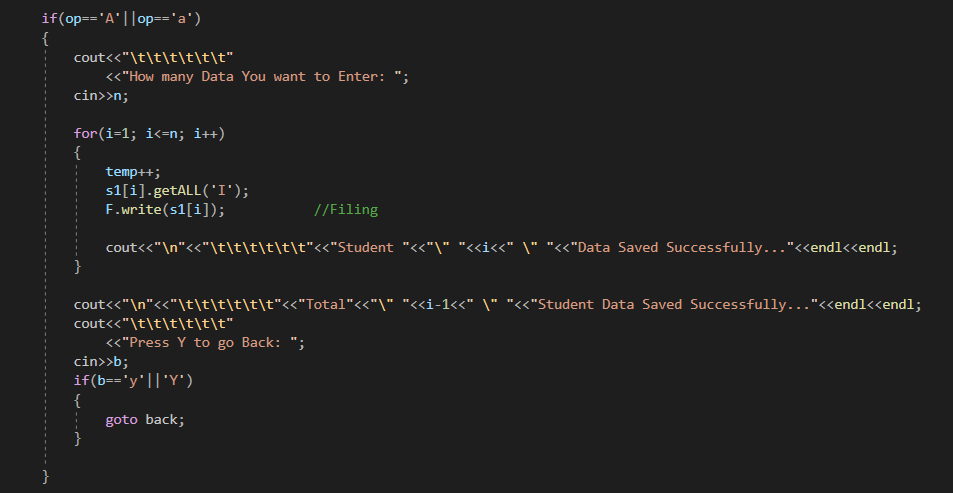
**Function 2,3,4,5,6 of Class 3:**

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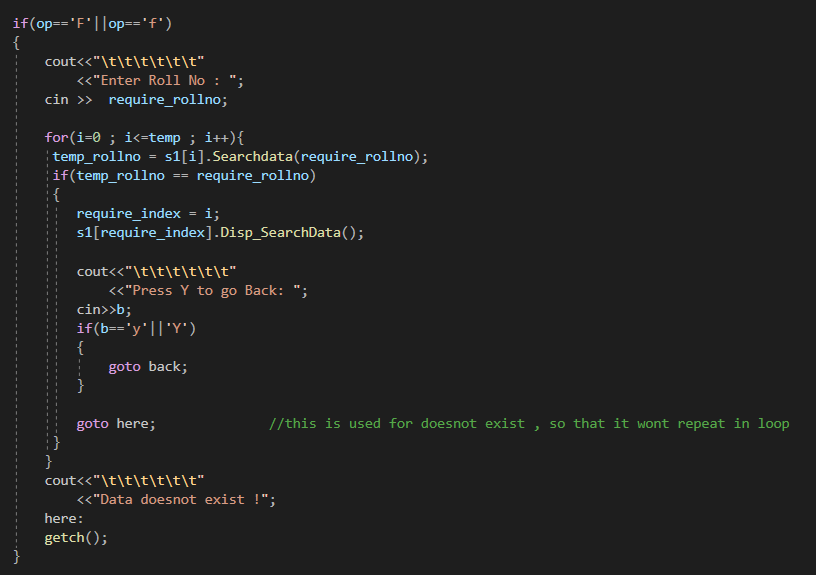
**Main Function :**

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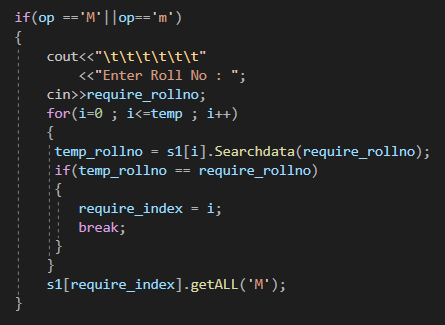
**Process to input Data:**

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**Process to Find Data:**

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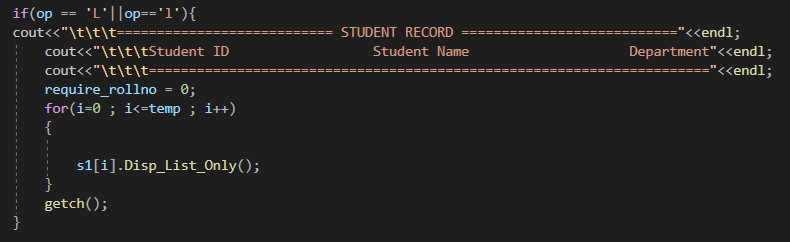
**Process to Modify Data:**

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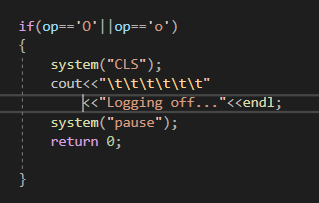
**Process to Delete Data:**

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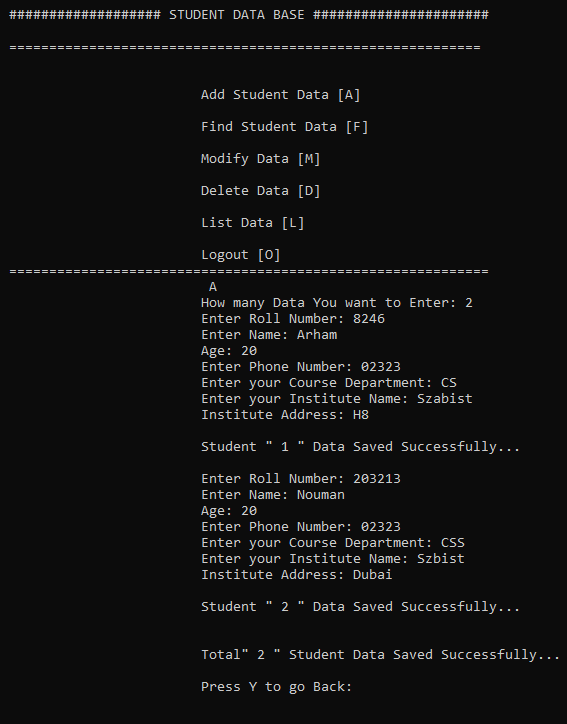
**Process to List All Data:**

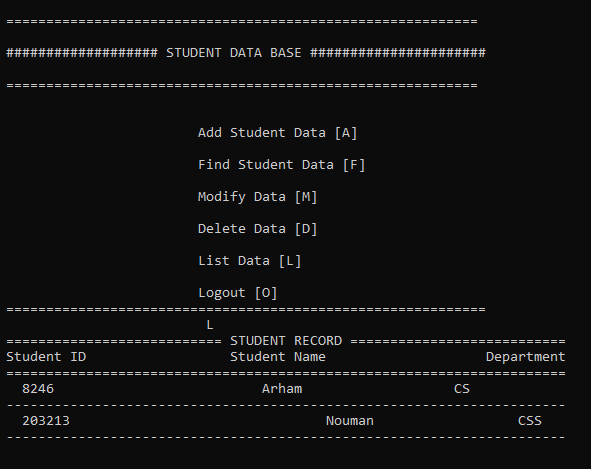
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**Logout:**

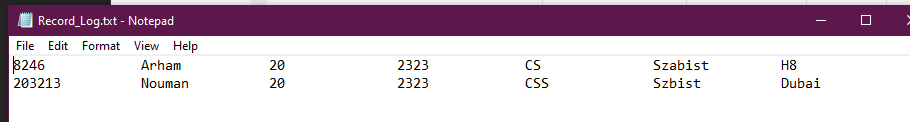
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**OUTPUT:**

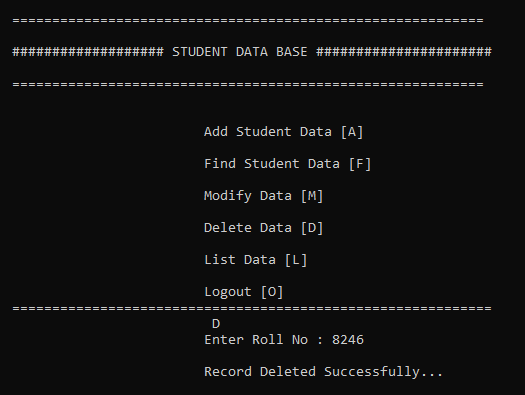
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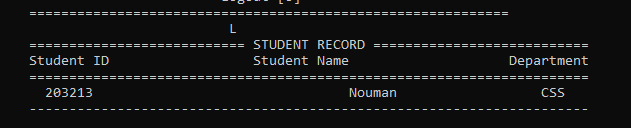
**LOG FILE:**

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**Record Deletion:**

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**After Deletion:**

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**Similarly you can modify and find data like that**