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Assignment No. 1)

Department maintains student information The file contains woll number, division & address. Allow user to add, delete information of student display information of student If record of student does not exist an appropriate message is for displayed. If it is then system displays the student details.

What is sequential file?

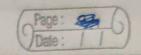
-> A file that contains records or other elements that are stored in a chronological order.

Functions! -

* Display The write function is used to display the contents of the file (void display) Using an object of class if stream, the file is opened for reading. With the (obj. show data) the data inside the file is displayed on the console. And the file is closed.

* Write: The write function is used to append data into the file. (void write records)

Using an object of ofstream, we can open a file "student dat" in binary and append mode the data such as name address, roll number division are entered into the file is closed then.



Observation Table

- * Search: The search function is used to search a particular record in the file by taking roll number as a parameter to the function (search (int n))
- * Delete: The delete function in this program is used to delete a particular record in the file with the help of roll number (delete (d)) In this function, two objects of if stream appear opens a file "student dat". While object of of stream opens a file "temp dot" using a while loop the data in the "student dat" is written in the "temp dot" until the required record is found in the file and it is renamed with "student dat".

 [rename ("temp dot", "student dat")?
- * Main: It is the main function that displays the options to the user then select a function & perform the operations.

Applications: -

- 1) Payrolls: Sequential file against organization
 is most appropriate for payroll applications.
 2) It is used when most of the records, have
 to be accessed like grade calculation.
 3) It is used in report generation
- 47 Magnetic types.