```cpp
#include <iostream>
#include <fstream>
#include <string>
#include <sstream>
using namespace std;
struct Student {
string rollNumber;
string name;
string division;
string address;
};
void displayStudents(const string &filename) {
ifstream file(filename);
if (!file.is_open()) {
cout << "No records found.\n";
return;
}
string line;
while (getline(file, line)) {
stringstream ss(line);
Student s1;
getline(ss, s1.rollNumber, ',');
getline(ss, s1.name, ',');
getline(ss, s1.division, ',');
getline(ss, s1.address, ',');
cout << "Roll Number: " << s1.rollNumber << "\n";
cout << "Name: " << s1.name << "\n";
cout << "Division: " << s1.division << "\n";
```

```cpp
        cout << "Address: " << s1.address << "\n";

    }

    file.close();

}

void addStudent(const string &filename) {

ofstream file(filename, ios::app);

if (!file.is_open()) {

cout << "Error opening file.\n";

return;

}

Student s1;

cout << "Enter roll number: ";

cin >> s1.rollNumber;

    cin.ignore();

    cout << "Enter name: ";

    getline(cin, s1.name);

    cout << "Enter division: ";

    getline(cin, s1.division);

    cout << "Enter address: ";

    getline(cin, s1.address);


    file << s1.rollNumber << "," << s1.name << "," << s1.division << "," <<s1.address << "\n";

    cout << "Student with roll number " << s1.rollNumber << " added successfully!\n";

    file.close();

}



void deleteStudent(const string &filename) {
```

```cpp
    string rollNumber;

    cout << "Enter roll number to delete: ";

    cin >> rollNumber;


    ifstream file(filename);

    if (!file.is_open()) {

        cout << "No records found.\n";

        return;

    }


    ofstream tempFile("temp.txt");

    string line;

    bool found = false;


    while (getline(file, line)) {

        stringstream ss(line);

        string currentRollNumber;

        getline(ss, currentRollNumber, ',');


        if (currentRollNumber == rollNumber) {

            found = true;

            continue;

        }

        tempFile << line << "\n";

    }


    file.close();

    tempFile.close();
```

```cpp
    if (found) {

      remove(filename.c_str());

      rename("temp.txt", filename.c_str());

      cout << "Student with roll number " << rollNumber << " deleted successfully!\n";

    } else {

      cout << "Student with roll number " << rollNumber << " not found.\n";

    }

}




void displayStudent(const string &filename) {

    string rollNumber;

    cout << "Enter roll number to display: ";

    cin >> rollNumber;


    ifstream file(filename);

    if (!file.is_open()) {

      cout << "No records found.\n";

      return;

    }


    string line;

    bool found = false;


    while (getline(file, line)) {

      stringstream ss(line);

      Student s1;
```

```cpp
        getline(ss, s1.rollNumber, ',');

        getline(ss, s1.name, ',');

        getline(ss, s1.division, ',');

        getline(ss, s1.address, ',');


        if (s1.rollNumber == rollNumber) {

            found = true;

            cout << "Roll Number: " << s1.rollNumber << "\n";

            cout << "Name: " << s1.name << "\n";

            cout << "Division: " << s1.division << "\n";

            cout << "Address: " << s1.address << "\n";

            break;

        }

    }

    if (!found) {

        cout << "Student with roll number " << rollNumber << " not found.\n";

    }


    file.close();

}


int main() {

    string fileName = "student.txt";


    while (true) {

        cout << "\n Student Information System \n";

        cout << "1. Add student\n";

        cout << "2. Delete student\n";
```

```cpp
        cout << "3. Display all students\n";

        cout << "4. Display particular student\n";

        cout << "5. Exit\n";

        cout << "Enter your choice: ";

int choice;

cin >> choice;

switch (choice) {

case 1:

addStudent(fileName);

break;

case 2:

deleteStudent(fileName);

break;

case 3:

displayStudents(fileName);

break;

case 4:

displayStudent(fileName);

break;

case 5:

cout << "Exiting system...\n";

return 0;

default:

cout << "Invalid choice! Please try again.\n";

}

}

return 0;

}
```