#include <iostream>

#include <fstream>

using namespace std;

class Student {

private:

string rollNumber;

string name;

string division;

string address;

public:

void readData() {

cout << "Enter Roll Number: ";

cin >> rollNumber;

cout << "Enter Name: ";

cin >> name;

cout << "Enter Division: ";

cin >> division;

cout << "Enter Address: ";

cin >> address;

}

void displayData() {

cout << "Roll Number: " << rollNumber << endl;

cout << "Name: " << name << endl;

cout << "Division: " << division << endl;

cout << "Address: " << address << endl;

}

};

int main() {

string rollNumber;

Student student;

ifstream fin;

fin.open("file name");

if (!fin) {

cout << "Error opening file." << endl;

return 0;

}

else {

bool found = false;

while (!fin.eof()) {

fin >> student.rollNumber;

fin >> student.name;

fin >> student.division;

fin >> student.address;

if (fin.eof())

break;

if (student.rollNumber == rollNumber) {

found = true;

break;

}

}

fin.close();

if (found) {

cout << "Student Details:" << endl;

student.displayData();

} else {

cout << "Record not found." << endl;

}

}

return 0;

}