AI

AICT ASSIGNMENT

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**UNIVERSITY MANAGEMENT SYSTEM**

**Written form of the code**

#include<iostream>

using namespace std;

int main() {

    // Enter the admin details

    string adminEmail = "uniadmin@gmail.com";

    string adminPassword = "uniadmin";

    string adminclaimedEmail;

    string adminclaimedpassword;

//   Enter your Programms

    string programs[] = { "Computer Science", "Business", "Engineering" };

    int maxSeats[] = { 2, 2, 2 };

    float minEligibility[] = { 80.0, 75.0, 70.0 };

    string studentName, studentEmail, studentProgram;

    float studentPercentage;

    cout << "Uni Management System" << endl;

    cout << "1 Admin login " << endl;

    cout << "2 Apply as a Student" << endl;

    int choice;

    cout << "Enter your choice (1 or 2): ";

    cin >> choice;

        // Enter your choice 1

    if (choice == 1) {

        cout << "Admin Email=";

        cin >> adminclaimedEmail;

        cout << "Admin Password=";

        cin >> adminclaimedpassword;

        if (adminclaimedEmail == adminEmail && adminclaimedpassword == adminPassword) {

            cout << "Admin login Successful\n";

            cout << "Available Programs:" << endl;

            cout << "1. Computer Science (Max Seats: " << maxSeats[0] << ", Min Eligibility: " << minEligibility[0] << "%)" << endl;

            cout << "2. Business (Max Seats: " << maxSeats[1] << ", Min Eligibility: " << minEligibility[1] << "%)" << endl;

            cout << "3. Engineering (Max Seats: " << maxSeats[2] << ", Min Eligibility: " << minEligibility[2] << "%)" << endl;

        }

        else {

            cout << "Admin login failed\n";

        }

    }

    else if (choice == 2) {

        // student form

        cout << "Student Admission Form\n";

        cout << "Enter your Name: ";

        cin >> studentName;

        cout << "Enter your Email: ";

        cin >> studentEmail;

        cout << "Enter your Percentage: ";

        cin >> studentPercentage;

        cout << "Available Programs:" << endl;

        for (int i = 0; i < 3; i++) {

            cout << (i + 1) << ". " << programs[i] << endl;

        }

        cout << "Choose your Program (1-3): ";

        int programChoice;

        cin >> programChoice;

        if (programChoice < 1 || programChoice > 3) {

            cout << "Invalid Program Choice.\n";

            return 0;

        }

        if (studentPercentage >= minEligibility[programChoice - 1]) {

            if (maxSeats[programChoice - 1] > 0) {

                maxSeats[programChoice - 1]--;

                studentProgram = programs[programChoice - 1];

                cout << "Congratulations " << studentName << "! You have been admitted to " << studentProgram << ".\n";

                cout << "Remaining Seats in " << studentProgram << ": " << maxSeats[programChoice - 1] << endl;

            }

            else {

                cout << "Sorry, no available seats in " << programs[programChoice - 1] << ". Please choose another program.\n";

            }

        }

        else {

            cout << "Sorry, you do not meet the eligibility criteria for " << programs[programChoice - 1] << ".\n";

        }

    }

    else {

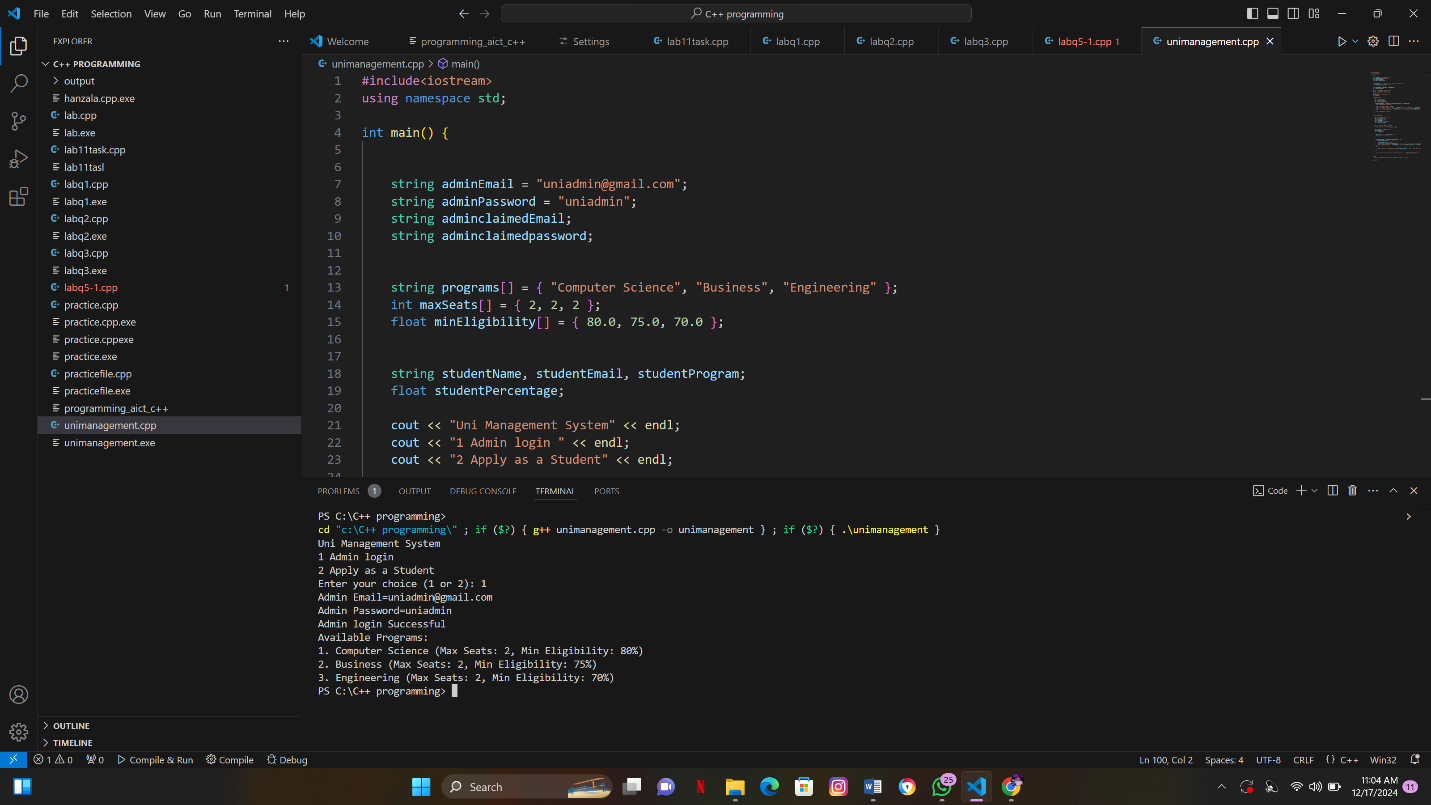
        cout << "Invalid choice. Please restart the program and choose 1 or 2.\n";

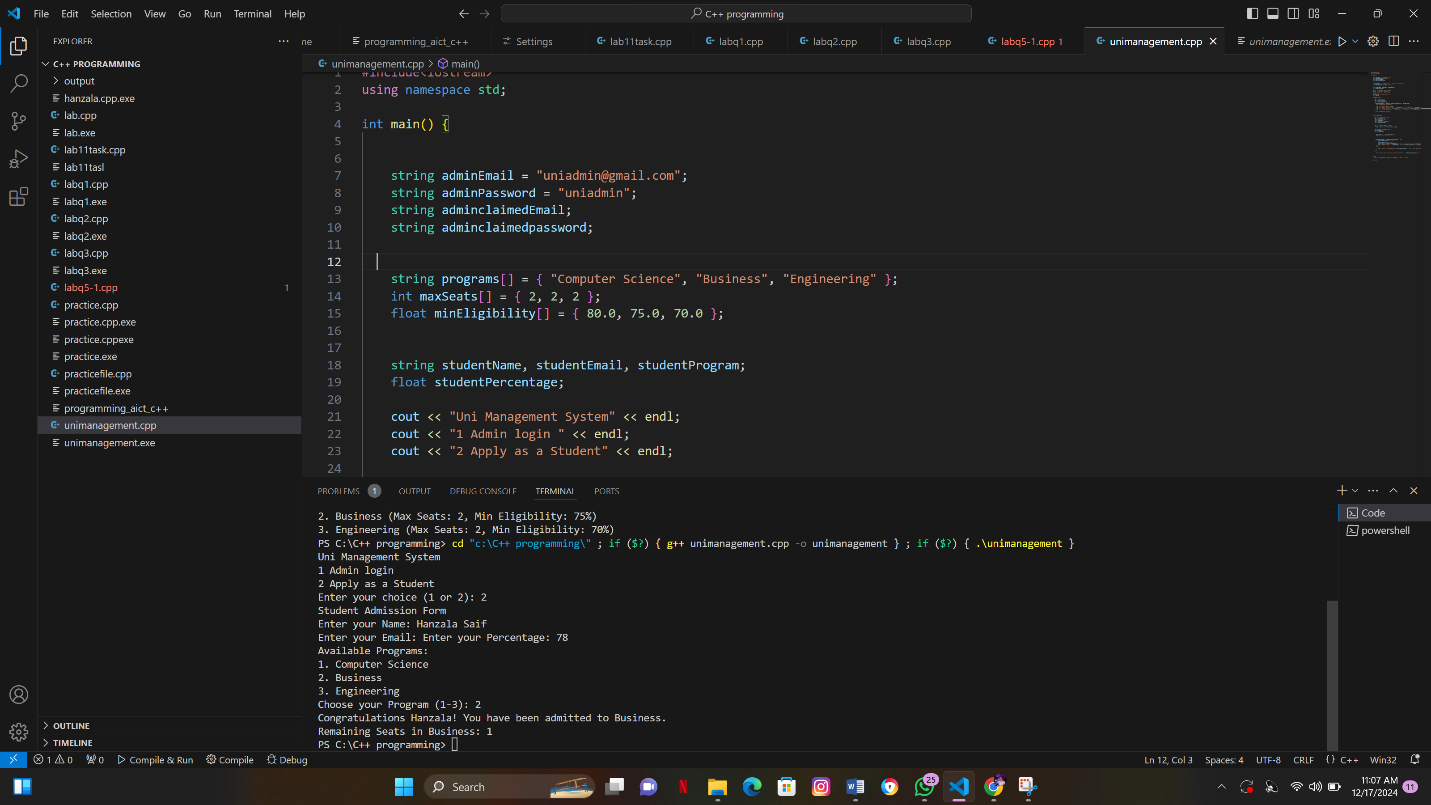
    }

    return 0;

}

**Compilation of the code**

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