

## LAB TASK #8

### SWITCH code of Project COURSE MANAGER

```
#include <iostream>
using namespace std;

int main() {

    int mainChoice, adminChoice, studentChoice;
    string adminPass = "admin@123";
    string studentPass = "student@456";
    string pass;

    do {
        // MAIN MENU
        cout << "\n===== MAIN MENU =====\n";
        cout << "1. Admin Panel\n";
        cout << "2. Student Panel\n";
        cout << "3. Exit\n";
        cout << "Enter choice: ";
        cin >> mainChoice;

        switch (mainChoice) {

            // ADMIN PANEL
            case 1:
                cout << "\nEnter Admin Password: ";
                cin >> pass;

                if (pass != adminPass) {
                    cout << "Wrong Password! Access Denied.\n";
                    break;
                }

            do {
```

```
cout << "\n----- ADMIN PANEL ----- \n";
cout << "1. Add Course\n";
cout << "2. View Courses\n";
cout << "3. Update Course\n";
cout << "4. Delete Course\n";
cout << "5. Back to Main Menu\n";
cout << "Enter choice: ";
cin >> adminChoice;

switch (adminChoice) {

    case 1:
        cout << "\nADD COURSE SCREEN\n";
        break;

    case 2:
        cout << "\nVIEW COURSES SCREEN\n";
        break;

    case 3:
        cout << "\nUPDATE COURSE SCREEN\n";
        break;

    case 4:
        cout << "\nDELETE COURSE SCREEN\n";
        break;

    case 5:
        cout << "Returning to Main Menu...\n";
        break;

    default:
        cout << "Invalid Choice!\n";
}

} while (adminChoice != 5);
```

```
break;

// STUDENT PANEL

case 2:

cout << "\nEnter Student Password: ";
cin >> pass;

if (pass != studentPass) {
    cout << "Wrong Password! Access Denied.\n";
    break;
}

do {

cout << "\n----- STUDENT PANEL -----";
cout << "1. View Available Courses\n";
cout << "2. Enroll in Course\n";
cout << "3. View My Enrollments\n";
cout << "4. Back to Main Menu\n";
cout << "Enter choice: ";
cin >> studentChoice;

switch (studentChoice) {

case 1:
    cout << "\nVIEW AVAILABLE COURSES SCREEN\n";
    break;

case 2:
    cout << "\nENROLL IN COURSE SCREEN\n";
    break;

case 3:
    cout << "\nVIEW MY ENROLLMENTS SCREEN\n";
    break;
}
```

```
case 4:  
    cout << "Returning to Main Menu...\n";  
    break;  
  
default:  
    cout << "Invalid Choice!\n";  
}  
  
} while (studentChoice != 4);  
  
break;  
  
case 3:  
    cout << "Exiting Program...\n";  
    break;  
  
default:  
    cout << "Invalid Choice!\n";  
}  
  
} while (mainChoice != 3);  
  
return 0;  
}
```