

## 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 ----- \n";
```

```
    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;

}
```