

## Lab Task 03

### 1. Movie Data

Write a program that uses a structure named `MovieData` to store the following information about a movie: Title, Director, Year Released. In main, create two variables of the structure. The program should contain a function named `createMovieData()` that will store values in the struct members from the user and then returns the structure back to main. The program should contain another function named `displayMovieData()` that takes the structure as an argument and displays the information about the movie in a clearly formatted manner.

### 2. Student Management System

Write a program that uses a structure to store the student data (student name, and an array containing the marks of 3 courses). Your program must have 3 functions.

`Display_data()`: Take the array of struct as an argument and displays the data of all students.

`Change_Marks()`: Takes one student as an argument. Asks the course no and updated marks from the user. And update the information accordingly.

`Calc_Average_Marks()`: Take one student variable as an argument and calculates the average marks of that student.

See the screenshot for a better picture:

```
Enter student name:
fariba
Enter student marks for course: 1
30
Enter student marks for course: 2
40
Enter student marks for course: 3
50
```

```
Enter student name:
laila
Enter student marks for course: 1
50
Enter student marks for course: 2
40
Enter student marks for course: 3
20
```

```
Menu:
1. Display Student Data
2. Calculate Average marks
3. Change Marks
```

```
Please select an Option:
2
Enter the student no:
1
```

```
Average marks: 40
```

```
Menu:
1. Display Student Data
2. Calculate Average marks
3. Change Marks
```

```
Please select an Option:
3
Enter the student no:
1
```

```
Enter the course no to change marks: 2
Enter the updated marks
90
```

Menu:

1. Display Student Data
2. Calculate Average marks
3. Change Marks

Please select an Option:

1

Student name:

fariba

Student marks for course: 1

30

Student marks for course: 2

90

Student marks for course: 3

50

Student name:

laila

Student marks for course: 1

50

Student marks for course: 2

40

Student marks for course: 3

20

Menu:

1. Display Student Data
2. Calculate Average marks
3. Change Marks

Please select an Option: