LAB8: C Structures

Task1(1 structure – 2 record – array notation): Write a program stores the information (name and marks) of 5 students using structures.

In this program, a structure, student is created.

This structure has two members: name (string) and marks (float).

Then, we created a structure array of size 5 to store information of 5 students.

Using for loop, the program takes the information of 5 students from the user and displays it on the screen.

```
C:\WINDOWS\system32\cmd.exe

enter information of students:
enter 1.name:ali
enter 1.mark:70

enter 2.name:mary
enter 2.mark:85

***student information***
 NAME  MARK
  ali  70.0
 mary  85.0
Press any key to continue . . .
```

Task2 (nested structure – 1 record): Design structures to store information on customers and their bank accounts based on the following form.

> **Customer**
> > **Id**
> > **Name**
>
> **Account**
> > **Accno**
> > **Balance**
> > **Customer information**

```
C:\WINDOWS\system32\cmd.exe

enter name:john
enter id:1652
enter account no:007585
enter balance:5200


customer name:john
customer id:1652
account no:7585
account balance:5200.00
Press any key to continue . . . _
```

Task3A (nested structure – 1 record – pointer notation): Modification of Task2

Task3B(nested structure – 2 record – pointer notation): Modification of Task3A

Task4(nested structure – 2 record – pointer notation-printing information in a function): Modification of Task3