**Assignment 4**

Develop an application to manage fresher’s mark (training subject’s mark) for a training course in FWA.

The application will manage following subjects:

* Software Design: SWD
* FSOFT Coding Unit Test (FCU).
* SQL
* C++ (CPP)
* Mock Project.

Each subject has a mark from 1 to 10 as the below sample.

**Fresher** SWD FCU SQL C++ Mock Project

Fresher 1 9 7 8

Fresher 2 8 6 5 9 8

Fresher 3 7 7 6 6

Requirement:

* Input trainee information (account and his/her mark), using array of pointer to manager trainee ‘marks. (4 marks).
* Print the list of fresherinformation (his/her account and marks). (2 marks).
* Print the best fresher. (Print the fresher has maximum average mark). (2 marks)
* Print the average mark (Print list of fresher include account and average mark). (2 marks)

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The main menu of application:

Please choose the service:

1. Add new fresher (input account and marks).

2. Print mark (display the list of fresher and his/her mark).

3. Find best fresher

4. Print average mark

5. Exit

Choose service: 1

***Choose menu 1 for input mark for fresher***

Enter the account of fresher: tuanna

Enter mark of Software design: 9

Continue?[y/n]: y

Enter mark of Fsoft coding & Unit testing: 8

Continue?[y/n]: y

Enter mark of SQL: 9

Continue?[y/n]: y

Enter mark of C++: 7

Continue?[y/n]: y

Enter mark of Mock project: 8

***Choose menu2 to view all fresher information (account & mark).***

Please choose the service:

1. Add new fresher and his/her marks

2. Print mark

3. Find best fresher

4. Print average mark

5. Exit

Choose service: 2

Fresher mark list

tuanna

Software design : 9 mark

Fsoft coding & Unit testing : 7 mark

SQL : 8 mark

C++ : 9 mark

Mock project : 8 mark

hoang

Software design : 7 mark

Fsoft coding & Unit testing : 8 mark

SQL : 9 mark