Practical Assignment on Structures

Q.1. Write a program using UDF to add two Distance passesd as parameters .Declare a structure Distance having two data members feet and inches of type integer.

Q.2. Declare a stucture having two parts to represent a complex no. ( real part and

imaginary part). Write a menu driven C++ program using functions to add,

subtract, multiply, and divide two complex numbers.

Q.3. Declare a structure DATE having data members dd, mm, yy of type integer .WAP in c++ using UDF

i) to check the validity of date

ii) that accepts two dates using structures and returns the date that is later.

Q.4. Write a program for the given structure definition as below.

Name ( First Name, Middle name, Last name)

Age

Game

Address ( H.no., street, City, State)

Use nested structures. Declare an array to store data for n no of players. Input

a game and list the data for all players with the same game.

Q.5.Consider the following structure:

struct BOOK{ int bookno; char title[20]; int copies; };

WAP in c++ using UDF search\_book() that takes an array of 5 elements of type BOOK, and displays book details of the book which matches the name inputted by the user.

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