LAB 9

Objective(s):
- To understand programming with Structure.

1. Write a program to read RollNo, Name, Address, Age & marks in physics, C, math in 1st semester of three students in BCT and display the student details with average marks achieved.

2. Create a structure named company which has name, address, phone and noOfEmployee as member variables. Read name of company, its address, phone and noOfEmployee. Finally display these members' value.

3. Write a program to enter two Cartesian coordinate points and display the distance between them.

4. Write a function which accepts structure as argument and returns structure to the calling program.

5. Pass the structures defined in Question 1 into a function and read the structure member and display the values from the function (use structure pointer).

6. Define a structure "complex" (typedef) to read two complex numbers and perform addition, subtraction of these two complex numbers and display the result.

7. Write a program to read RollNo, Name, Address, Age & average-marks of 12 students in the BCT class and display the details from function.

8. Write a program to show programming examples with union and enumerations.