LAB SHEET-STRUCTURES

1. Write a program using structures to read,display,add and subtract two complex numbers.
2. Create a structure to specify data on students given below:

Roll number,department,Course,Year of Joining

Assume there are not more than 450 students in the college.

1. Write a function to print names of all students who joined in a particular year.
2. Write a function to print the data of a student whose roll number is specified.
3. Create a structure to specify data of customers in a bank. The data to be stored is: Account number, Name, Balance in account. Assume maximum of 200 customers in the bank .
4. Write a function to print the Account number and name of each customer with balance below Rs. 100.
5. If a customer request for withdrawal or deposit, it is given in the form:

Acct. no, amount, code (1 for deposit, 0 for withdrawal)

Write a program to give a message, “The balance is insufficient for the specified withdrawal”.

1. There is a structure called **employee** that holds information like employee code, name, date of joining. Write a program to create an array of the structure and enter some data into it. Then ask the user to enter current date. Display the names of those employees whose tenure is 3 or more than 3 years according to the given current date.
2. Write a program using an array of pointers to a structure, to read and display the details of a student. The details may be roll number, name details, course details and that of fees details.
3. Write a program to read, display, add and subtract two heights .Height should be given in feet and inches. Pass the parameters as structure pointers.