**Lab task of structure**

1. Create a structure called Volume that uses three variables of type Distance (from the ENGLSTRC example) to model the volume of a room. Initialize a variable of type Volume to specific dimensions, then calculate the volume it represents, and print out the result. To calculate the volume, convert each dimension from a Distance variable to a variable of type float representing feet and fractions of a foot, and then multiply the resulting three numbers.

2. Create a structure called employee that contains two members: an employee number (type int) and the employee’s compensation (in dollars; type float). Ask the user to fill in this data for three employees, store it in three variables of type struct employee, and then display the information for each employee.

3. Create a structure of type date that contains three members: the month, the day of the month, and the year, all of type int. (Or use day-month-year order if you prefer.) Have the user enter a date in the format 12/31/2001, store it in a variable of type struct date, then retrieve the values from the variable and print them out in the same format.