

Class Test on Functions and Structures

For the following problems, write both call by value and call by reference methods

1. Write a C Program to pass structures to a function and display student details containing Name and year of admission.
2. Write a C Program to return struct from a function by entering name and age of a student through the keyboard and print them in main function.
3. Create a structure that contain data of customers in a bank. The data to be stored is Account number, name, balance in the account. Assume max of 5 customers in the bank.

Write a menu driven program that contains the following user defined functions.

- 1) Function to print account number and name of each customer with balance below Rs. 100
- 2) Function requesting for withdrawal. The form contains the fields Account number, amount. Print the message "The balance is insufficient for the specified withdrawal" if on withdrawal the balance falls below Rs. 100.
- 3) Function for deposit. Print the total amount after depositing certain amount.
4. Sort the following places of India in Lexicographical Order (Dictionary Order).
Aurangabad, Mumbai, Bhopal, Amaravati, Bangalore