Write a C program that prompts the user to enter some data regarding some clients. The user should prompt for client account number (a UNIQUE positive integer between 1 and 1000), a name (a string, up to 25 in length), and the account balance (a positive floating point number) as shown below.  The user input terminates once the user enters a -999 as the account number.  I will let you decide the appropriate prompts and edit messages.

You should store this information in an array of type struct (something).

Make the array sizes large enough to hold data for up to 25 clients.

Once the user has completed entering the data, the program should then SORT THE DATA IN ASCENDING ORDER BY ACCOUNT NUMBER, OR NAME OR BALANCE, and output the client data in table form of ***your design*** or exactly as follows BELOW.

If the user enters -999 as the first account number, the program should simply exit, and display an appropriate message of your choice.

The report will also be directed to an output text file with the same output as printed to the screen. Sample I-O below – user responses are in coral:

**Welcome to Client Center**

**Enter Client Number (1-1000; -999 to end): 123**

**Enter full name for client number 123: Doe, John**

**Enter Balance amount for employee Doe, John: 1022**

**Enter Client Number (1-1000; -999 to end): 233**

**Enter full name for client number 233: Doe, Jane**

**Enter Balance amount for employee Doe, Jane: 4443**

**Enter Client Number (1-1000; -999 to end): 543**

**Enter full name for client number 543: Smith, Ron**

**Enter Balance amount for employee Smith, Ron: 1102**

**Enter Client Number (1-1000; -999 to end): 123**

**Client number entered has already been used, re-enter.**

**Enter Client Number (1-1000; -999 to end): 129**

**Enter full name for client number 129: Smythe, Bill**

**Enter Balance amount for employee Smythe, Bill: 5555**

**Enter Client Number (1-1000; -999 to end): -999**

**4 clients**

**Sort by: Client Number(N), Name(A) or Balance (B): n**

**Client Number         Client Name                      Balance**

**0123                         Doe, John                         1022.00**

**0129                         Smythe, Bill                      5555.00**

**0233                         Doe, Jane                          4443.00**

**0543                         Smith, Ron                        1102.00**

**(Report has been sent to report5.txt also)**