VB Exercise Arrays- Bank Account.

Scenario: Customers open an account at their local bank by making an initial deposit. Over a period of time they make a number of deposits and withdrawals and they would like to know at any time what their account balance is.

Task: You have been asked to write an app for a mobile phone using VB.Net to assist the bank customers keep track of their account balance. Your app should allow them to enter an opening balance and store this balance. This could be done on Form load.

They should then be able to enter withdrawals or deposits using a form. As they press the Enter button their balance should be updated on screen.

After you have entered a number of transactions, another button called statement should be provided which will show all transactions in a list box with a code beside each transaction. An example is shown below.

$100 OB  
$50 DEP  
$100 WD  
$50 CB

The codes are Opening balance (OB), Deposit (DEP), Withdrawal (WD), Closing balance (CB).

The list should show up to 10 transactions.

Note: They must NOT be allowed to withdraw more than their current balance.

Hints: Because the data must be available over multiple procedures ( buttons), you need to Dim your variables in the public area ( above the Procedure line ) Transactions MUST be stored in an array. Think about positives and negatives for deposits and withdrawals.

Submission: Copy the code and a screen shot of the final product into a Word document and submit through Moodle.