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#include <iostream>
using namespace std;

char accountName;
double balance=0.00, amount=0.00;

void checkBalance() {
    if (balance < 500.00 + 36.00) {
        cout << "Insufficient balance. To check account balance,
there should be a total of Ksh536.00 or more in the account. Current
balance = Ksh" << balance;
    } else {
        balance -= 36.00;
        cout << "Current balance = Ksh" << balance;
    }
}

double depositAmount() {
    cout << "Enter the amount you want to deposit :> Ksh";
    cin >> amount;
    cout << "\nYou have successfully deposited Ksh" << amount;
    balance += amount;
    cout << "\nCurrent balance = Ksh" << balance;
    amount=0.00;
}

double withdrawAmount() {
    int option, select=0;
    do {
        cout << "\nI want to:\n";
        cout << "1. Withdraw.\n2. Transfer.\n3. Cancel.\n4.
Exit.\n\tOption :> ";
        cin >> select;
        if (select == 1) {
            cout << "Enter the amount you want to withdraw :> Ksh";
            cin >> amount;
            if (balance < amount + 500.00 + (amount*0.01)) {
                cout << "Insufficient balance in the account to
complete the withdraw. Please deposit some money to continue enjoying our
services.";
            } else {
                cout << "\nYou have successfully withdrawn Ksh"
<< amount << ". Withdrawal cost is Ksh" << amount*0.01;
                balance = balance - (amount + (amount*0.01));
                cout << "\nCurrent balance = Ksh" << balance;
            }
        } else if (select == 2) {
            cout << "Enter the amount you want to transfer :> Ksh";
            cin >> amount;
            if (balance < amount + 500.00 + (amount*0.01)) {
                cout << "Insufficient balance in the account to
complete the transfer. Please deposit some money to continue enjoying our
services.";
            } else {

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        cout << "\nYou have successfully transfered Ksh"
<< amount << ". Transfer cost is Ksh" << amount*0.01;
        balance = balance - (amount + (amount*0.01));
        cout << "\nCurrent balance = Ksh" << balance;
    }
    } else if (select == 3) {
        cout << "You have successfully cancelled the
transaction.";
    } else if (select == 4) {
        return 0;
    } else {
        cout << "Invalid choice!";
    }
    amount=0.00;
} while (select != 1 || select != 2 || select != 3);

}

void enterBaseBalance() {
    cout << "Enter the base balance :> Ksh";
    cin >> balance;
}

int main() {
    int option=0, select;
    enterBaseBalance();
    while (balance < 500) {
        cout << "The base balance should be Ksh500 or more\n";
        enterBaseBalance();
    }
    cout << "Current base balance = Ksh" << balance;

    do {
        cout << "\n\nChoose what you want to do:\n";
        cout << "1. Deposit.\n2. Withdraw/Transfer.\n3. check
balance.\n4. Exit.\n\tOption :> ";
        cin >> select;
        if (select == 1) {
            depositAmount();
        } else if (select == 2) {
            withdrawAmount();
        } else if (select == 3) {
            checkBalance();
        } else if (select == 4) {
            cout << "Bye! Bye! Thank you for using our services.
Welcome again another time.\n";
            return 0;
        } else {
            cout << "Invalid choice!";
        }
    } while (option == 0);

    return 0;
}

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