#include <iostream>

#include <stdlib.h>

#include <string.h>

using namespace std;

class Bank {

private:

string name;

int accnumber;

char type[10];

int amount = 0;

int total = 0;

public:

void setvalue()

{

cout << "Enter name\n";

cin.ignore();

getline(cin, name);

cout << "Enter Account number\n";

cin >> accnumber;

cout << "Enter Account type\n";

cin >> type;

cout << "Enter Balance\n";

cin >> total;

}

void showdata()

{

cout << "Name:" << name << endl;

cout << "Account No:" << accnumber << endl;

cout << "Account type:" << type << endl;

cout << "Balance:" << total << endl;

}

void deposit()

{

cout << "\nEnter amount to be Deposited\n";

cin >> amount;

}

void showbal()

{

total = total + amount;

cout << "\nTotal balance is: " << total;

}

void withdrawl()

{

int a, avai\_balance;

cout << "Enter amount to withdraw\n";

cin >> a;

avai\_balance = total - a;

cout << "Available Balance is" << avai\_balance;

}

};

int main()

{

Bank b;

int choice;

while (1) {

cout << "\n"

<< "-------WELCOME-------"

<< "\n\n";

cout << "Enter Your Choice\n";

cout << "\t1. Enter name, Account "

<< "number, Account type\n";

cout << "\t2. Balance Enquiry\n";

cout << "\t3. Deposit Money\n";

cout << "\t4. Show Total balance\n";

cout << "\t5. Withdraw Money\n";

cout << "\t6. Cancel\n";

cin >> choice;

switch (choice) {

case 1:

b.setvalue();

break;

case 2:

b.showdata();

break;

case 3:

b.deposit();

break;

case 4:

b.showbal();

break;

case 5:

b.withdrawl();

break;

case 6:

exit(1);

break;

default:

cout << "\nInvalid choice\n";

}

}

}