Implement a Program in C++ by defining a class to represent a bank account.

Include the following:

Data Members

● Name of the depositor

● Account number

● Type of account (Saving, Current etc.)

● Balance amount in the account

Member Functions

● To assign initial values

● To deposit an amount

● To withdraw an amount after checking the balance

● To display name and balance

**SOURCE CODE:**

#include<iostream>

using namespace std;

class bank

{

    string name;

    int accno;

    string typeacc;

    float amt;

    public:

    void setdetails(string name,int accno,string typeacc,float amt)

    {

        this->name=name;

        this->accno=accno;

        this->typeacc=typeacc;

        this->amt=amt;

    }

    int deposit(int money)

    {

        amt=amt+money;

        return amt;

    }

    void withdraw(int money)

    {

        if(amt>money)

        {

            amt =amt-money;

        }

        else{

            cout<<"invalid";

        }

    }

    void display()

    {

        cout<<name<<endl<<amt;

    }

};

int main()

{

    int n;

    cout<<"enter no of users";

    cin>>n;

    bank arr[n];

    string name1;

    int accno1;

    string typeacc1;

    float amt1;

    int m1,m2;

    for(int i=0;i<n;i++)

    {

        cin>>name1;

        cin>>accno1;

        cin>>typeacc1;

        cin>>amt1;

        cin>>m1;

        cin>>m2;

        arr[i].setdetails(name1,accno1,typeacc1,amt1);

        arr[i].deposit(m1);

        arr[i].withdraw(m2);

        }

    for(int i=0;i<n;i++)

    {

        arr[i].display();

        cout<<endl;

    }

}

**OUTPUT:**

