#include<iostream>

using namespace std;

class account

{

public:

string name;

int ac,w,d,b,i;

void input()

{

cout<<"enter name: "; cin>>name;

cout<<"account number: "; cin>>ac;

cout<<"balance is: "; cin>>b;

cout<<"deposit: "; cin>>d;

cout<<"withdraw: "; cin>>w;

};

void display()

{

if(w==0)

{

b=b+d;

cout<<"balance is: "<<b;

}

else if(d==0)

{

b=b-w;

cout<<"balance is: "<<b;

}

else if(b!=0||w!=0)

{

b=b+d-w;

cout<<"balance is: "<<b;

}

cout<<endl;

if(b<500)

{

cout<<"Balance is insufficient.";

}

};

};

int main()

{

account a1;

a1.input();

a1.display();

}