using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace Herachical\_Inheritace

{

class A

{

public int a;

public A()

{

a = 10;

}

}

class B : A

{

public int b;

public B()

{

b = 7;

}

}

class C : A

{

public int c;

public C()

{

c = 23;

}

}

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Herachical Inheritance");

B obj = new B();

C obj2 = new C();

Console.WriteLine("Using Class B Object (obj)");

Console.WriteLine("a = {0}",obj.a);

Console.WriteLine("b = {0}",obj.b);

Console.WriteLine("Using Class C Object (obj2)");

Console.WriteLine("a = {0}",obj2.a);

Console.WriteLine("c = {0}",obj2.c);

Console.ReadKey();

}

}

}

Output :-