using System;

namespace EncapInher

{

class Students

{

private String studentName;

private int studentAge;

public String Name

{

get

{

return studentName;

}

set

{

studentName = value;

}

}

public int Age

{

get

{

return studentAge;

}

set

{

studentAge = value;

}

}

}

class MainClass {

public static void Main(string[] args)

{

Student student = new Student();

Student student1 = new Student();

Students private1 = new Students();

Students private2 = new Students();

student.ID = "101";

student.Name = "Kundan Kumar";

student.Email = "Kundan@rrk21@.com";

student.phone\_no = 1234567890;

student.dept = "IT";

student1.ID = "103";

student1.Name = "Nayan Kumar";

student1.Email = "Nayan@rrk21@.com";

student1.phone\_no = 1234554547;

student1.dept = "IT";

Console.WriteLine("ID = " + student.ID);

Console.WriteLine("Name = " + student.Name);

Console.WriteLine("Email = " + student.Email);

Console.WriteLine("Contact no = " + student.phone\_no);

Console.WriteLine("Department = " + student.dept);

Console.WriteLine("ID = " + student1.ID);

Console.WriteLine("Name = " + student1.Name);

Console.WriteLine("Email = " + student.Email);

Console.WriteLine("Contact no = " + student.phone\_no);

Console.WriteLine("Department = " + student.dept);

private1.Name = "Kundan Kumar";

private1.Age = 25;

private2.Name = "Mahesh Kumar";

private2.Age = 27;

Console.WriteLine("-------------------------");

Console.WriteLine("----accesing Private----");

Console.WriteLine("Name:- " + private1.Name);

Console.WriteLine("Name:- " + private1.Age);

Console.WriteLine("Name:- " + private2.Name);

Console.WriteLine("Name:- " + private2.Age);

}

}

}

using System;

namespace EncapInher

{

class Student

{

// Creating setter and getter for each property

public string ID { get; set; }

public string Name { get; set; }

public string Email { get; set; }

public int phone\_no { get; set; }

public string dept { get; set; }

}

}