// Mohammed Mohsen Mohammed Ahmady

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// Section 10

// \*\*\* Every Class Should Be in a Different file on its own but I concatenate it for upload just one file in the Assignment Form. K?

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_2\_Section\_Assignment\_\_Person\_

{

internal class Program

{

static void Main(string[] args)

{

Person p1 = new Person("Mohammed Ahmady", 20);

p1.display\_Info();

Student s1 = new Student("Mohammed Mohsen", 21, "323232391", 769.2);

s1.display\_Info();

Employee e1 = new Employee("Ahmed AbdelRazeq",48,"254786396", "HR Team Manger");

e1.display\_Info();

}

}

internal class Person

{

protected string name;

protected int age;

public Person(string name, int age)

{

this.name = name;

this.age = age;

}

public virtual void display\_Info()

{

Console.WriteLine($"The Name is {name}, and the Age is {age}");

}

}

internal class Student : Person

{

private string studentID { get; set; }

private double grade { get; set; }

public Student(string name, int age, string studentID, double grade) : base(name, age)

{

this.name = name;

this.age = age;

this.studentID = studentID;

this.grade = grade;

}

public override void display\_Info()

{

Console.WriteLine($"The Name is {name}, and the Age is {age}, ID = {studentID}, Grades : {grade}");

}

}

internal class Employee : Person

{

private string employeeID { get; set; }

private string position { get; set; }

public Employee(string name, int age, string employeeID, string position) : base(name, age)

{

this.name = name;

this.age = age;

this.employeeID = employeeID;

this.position = position;

}

public override void display\_Info()

{

Console.WriteLine($"The Name is {name}, and the Age is {age}, ID = {employeeID}, While it's Position is : {position}");

}

}

}