

Tutorial 3

Question 02 - lect answers.

Employee.cs

```
using System;
using System.CodeDom;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace labsheet3_que2
{
    public class Employee
    {
        public int employeeID;
        public string fullname;
        public double salary;

        public Employee(int employeeID, string fullname, double
        {
            this.employeeID = employeeID;
            this.fullname = fullname;
            this.salary = salary;
        }

        public int EmployeeID => employeeID;
        //using EmployeeID, you can access the private field "er

        public string FullName
        {
```

```

        get => fullname;
        set => fullname = value;
    }

    public double Salary
    {
        get => salary;
        set => salary = value;
    }

    public void DisplayEmployeeInfo()
    {
        Console.WriteLine($"Employee ID: {employeeID}");
        Console.WriteLine($"Full Name: {fullname}");
        Console.WriteLine($"Salary: {salary}");
    }
}
}

```

program.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace labsheet3_que2
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Employee employee1 = new Employee(101, "John Doe", 5000);
            Console.WriteLine("Employee Information: ");
        }
    }
}

```

```

        employee1.DisplayEmployeeInfo();

        Console.WriteLine($"Employee ID: {employee1.EmployeeID}");

        employee1.fullname = "Jane Smith"; //update fullname
        Console.WriteLine($"Updated Full Name: {employee1.Fullname}");

        //attempt to modify the salary directly from external class
        //This will work beace the salary property has a public setter

        employee1.Salary = 55000;
        Console.WriteLine($"Updated Salary: ${employee1.Salary}");
        Console.ReadLine();
    }
}

```