

WEEK FOUR DAY 11

```
#region taskOne
3 references
public enum pervilages
{
    Guest, Developer, Secretary, DBA
}
3 references
public class Emplyee
{
    2 references
    public int Id { get; private set; }
    2 references
    public string Name { get; set; }
    2 references
    public decimal Salary { get; set; }
    2 references
    public DateTime HireDate { get; set; }
    private char Gender;
    3 references
    public char gender
    {
        get => Gender;
        set
        {
            if(gender != 'M' && gender != 'F')
            {
                throw new AggregateException("Gender have to be 'M' or 'F'");
            }
            else
            {
                Gender = gender;
            }
        }
    }
    2 references
    public pervilages SecurityLevel { get; set; }
    1 reference
    public override string ToString()
    {
        return $"Emplyee details =>\n" +
            $"ID => {Id}\n" +
            $"Name => {Name}\n" +
            $"salary => {Salary:C}\n" +
            $"pervilages => {SecurityLevel} \n" +
            $"Gender => {Gender}\n" +
            $"Hire date => {HireDate.ToString("yyyy-MM-dd")}";
    }
}
```

```

}
1 reference
public Employee(int Id, string Name, decimal Salary, DateTime HireDate, char Gender, pervilages SecurityLevel)
{
    this.Id = Id;
    this.Name = Name;
    this.Salary = Salary;
    this.HireDate = HireDate;
    this.Gender = Gender;
    this.SecurityLevel = SecurityLevel;
}
}
0 references
internal class Program
{
    0 references
    static void Main(string[] args)
    {
        Employee employee = new Employee(2548, "beso", 526968, new DateTime(2010, 10, 10), 'F', pervilages.Developer);
        Console.WriteLine(employee.ToString());

        Console.ReadLine();
    }
}
#endregion

```

```

4 references
struct Person
{
    2 references
    public string Name { get; set; }
    4 references
    public int Age { get; set; }
}

```

```

0 references
internal class Program
{
    0 references
    static void Main(string[] args)
    {
        Person[] persons = new Person[3];
        for(int i = 1; i <= 3; i++)
        {
            Console.WriteLine($"enter name of person {i}");
            string Name = Console.ReadLine();

            Console.WriteLine($"enter age of person {i}");
            int Age = Convert.ToInt32(Console.ReadLine());

            persons[i - 1] = new Person { Name = Name, Age = Age };
        }
        Person oldest = persons[0];
        foreach (var person in persons)
        {
            if(person.Age > oldest.Age)
            {
                oldest = person;
            }
        }
        Console.WriteLine($"the details of oldest person => name : {oldest.Name} & age : {oldest.Age}");
        Console.ReadLine();
    }
}

```

G:\fifth\courses\NET\c#\first with brocode\broCode1\oop2\bin\Debug\oop2.exe

```

enter name of person 1
beso
enter age of person 1
24
enter name of person 2
zain
enter age of person 2
25
enter name of person 3
basma
enter age of person 3
26
the details of oldest person => name : basma & age : 26

```

Activate Windows
Go to Settings to activate

3 references

```
public class HiringDate
{
    2 references
    public int Day { get; set; }
    2 references
    public int Month { get; set; }
    2 references
    public int Year { get; set; }
    1 reference
    public HiringDate(int day, int month, int year)
    {
        this.Day = day;
        this.Month = month;
        this.Year = year;
    }
    1 reference
    public override string ToString()
    {
        return $"{Day:D2}/{Month:D2}/{Year}";
    }
}
```

0 references

```
internal class Program
```

```
{
```

0 references

```
static void Main(string[] args)
{
    Console.WriteLine("enter the day");
    int day = Convert.ToInt32(Console.ReadLine());

    Console.WriteLine("enter the month");
    int month = Convert.ToInt32(Console.ReadLine());

    Console.WriteLine("enter the year");
    int year = Convert.ToInt32(Console.ReadLine());

    HiringDate hiringDate = new HiringDate(day, month, year);
    Console.WriteLine(hiringDate.ToString());

    Console.ReadLine();
}
```

G:\fifth\courses\NET\c#\c#\first with brocode\broCode1\oop2\bin\De

```
enter the day
12
enter the month
12
enter the year
2000
12/12/2000
```