

# Övning Modul 6A

## Structs

Arbetsuppgift 1: Starta Visual Studio och skapa konsolprogram

Steg 1: Starta Virtual Studio.

Steg 2: Klicka på New – Project, välj därefter Console Application.

Steg 3: Skriv in programkod enligt nedan:

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

namespace UsingStructs
{
    struct Coffee
    {
        // Access Modifier public, internal och private.
        Property get och set, get=hämta, set=för att skriva
        public string Name { get; set; }
        public string Bean { get; set; }
        public string CountyOfOrigin { get; set; }
        public int Strength { get; set; }
    }

    class Program
    {
        static void Main(string[] args)
        {
            // för att skapa instans för struct, kan new
            användas.
            Coffee coffeel = new Coffee();
            coffeel.Name = "Fourth Coffee Quencher";
            coffeel.CountyOfOrigin = "Indonesia";
            coffeel.Strength = 3;
            Console.WriteLine("Name: {0}", coffeel.Name);
            Console.WriteLine("Country of Origin: {0}",
            coffeel.CountyOfOrigin);
            Console.WriteLine("Strength: {0}",
            coffeel.Strength);

            Coffee coffee2 = new Coffee();
            coffee2.Name = "Fourth Coffee Aroma";
```

```

        coffee2.CountyOfOrigin = "Brazil";
        coffee2.Strength = 2;
        Console.WriteLine("Name: {0}", coffee2.Name);
        Console.WriteLine("Country of Origin: {0}",
coffee2.CountyOfOrigin);
        Console.WriteLine("Strength: {0}",
coffee2.Strength);
    }

}
}

```

Steg 4: Klicka på Debug – Start Without Debugging.

```

C:\Windows\system32\cmd.exe
Name: Fourth Coffee Quencher
Country of Origin: Indonesia
Strength: 3
Name: Fourth Coffee Aroma
Country of Origin: Brazil
Strength: 2
Press any key to continue . . .

```

## Enums

Arbetsuppgift 1: Skapa konsolprogram

Steg 1: Klicka på New – Project, välj därefter Console Application.

Steg 2: Skriv in programkod enligt nedan:

```

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

namespace easecEnum
{
    class Program
    {

        enum Importance

```

```

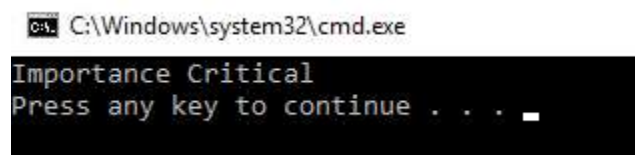
    {
        None,
        Trivial,
        Regular,
        Important,
        Critical
    };

static void Main()
{
    // ... enum lokal variabel.
    Importance value = Importance.Critical;

    // ... Test mot kända värden.
    if (value == Importance.Trivial)
    {
        Console.WriteLine("Inte sant");
    }
    else if (value == Importance.Critical)
    {
        Console.WriteLine("Importance Critical");
    }
    else if (value == Importance.Regular)
    {
        Console.WriteLine("Importance Regular");
    }
}
}
}

```

Steg 3: Klicka på Debug – Start Without Debugging.



```

C:\Windows\system32\cmd.exe
Importance Critical
Press any key to continue . . .

```