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## Task 1

### Program.cs

```
using System;
using System.Collections.Generic;

namespace day1w
{
    public enum Brand
    {
        Hyundai,
        CT100,
        Hero,
    }

    struct Vech
    {
        public string veh_num;
        public int cost;
        public Brand brand;

        public Vech(string _veh_num, int _cost, Brand _brand)
        {
            veh_num = _veh_num;
            cost = _cost;
            brand = _brand;
        }
    }

    class Program
    {
        static void Main(string[] args)
        {
            Vech vec = new Vech();

            vec.veh_num = "TN36AB7379";
            vec.cost = 20000;
            vec.brand = Brand.Hyundai;

            vec.veh_num = "TN36AB7388";
            vec.cost = 520000;
            vec.brand = Brand.CT100;
```

```

        Console.WriteLine("my vech is:" + vec.brand + ",cost " + vec.cost + " ,vech_num is" +
vec.veh_num);
        Console.WriteLine("my vech is:" + vec.brand + ",cost " + vec.cost + " ,vech_num is" +
vec.veh_num);

        Vech vech = new Vech("TN36AB45678", 20000, Brand.Hero);
        Console.WriteLine("my vech is:" + vech.brand + ",cost " + vech.cost + " ,vech_num
is" + vech.veh_num);

        Vech ve = new Vech()
        {
            brand = Brand.Hyundai,
            cost = 20000,
            veh_num = "TN-34-2343"
        };

        List<Vech> list = new List<Vech>();
        list.Add(vec);
        list.Add(vech);
        list.Add(ve);
        Func<List<Vech>,int> tot=
            (List<Vech> list) => list.Count;
        Console.Write("anonus out:" + tot(list));

        Func<List<Vech>, int> totalCost = list => list.Sum(v => v.cost);
        Console.Write("\nanonus out:" + totalCost(list));
        Func<List<Vech>, int> MaxValue = list => list.Max(v => v.cost);
        Console.Write("\nanonus out:" + MaxValue(list));
    }
}
}

```

## OUTPUT:

```

my vech is:CT100,cost 520000 ,vech_num isTN36AB7388
my vech is:CT100,cost 520000 ,vech_num isTN36AB7388
my vech is:Hero,cost 20000 ,vech_num isTN36AB45678
anonus out:3
anonus out:560000
anonus out:520000

```