

# Section 8 Home Assignment

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By Seif El-Din Sweilam

## Required

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Write a program that includes a Car `struct` including the following:

- Fields:
  - Brand
  - Price
  - Year of production
- Methods:
  - A constructor to set default year to 2021
  - A constructor to using 3 parameters
  - A method to display the car information

Then create 2 objects in the main function

```
struct Car {
    private string brand;
    private double price;
    private int year;

    public Car(string brand, double price) {
        this.brand = brand;
        this.price = price;
        this.year = 2021;
    }

    public Car(string brand, double price, int year) {
        this.brand = brand;
        this.price = price;
        this.year = year;
    }

    public override string ToString() {
        return $"Car(Brand:{brand}, price:{price}, year:{year})";
    }
}

class Program {
    public static void Main(string[] args) {
        Car suzuki = new Car("Suzuki", 230000);
        Car toyota = new Car("Toyota", 500000, 2019);
        System.Console.WriteLine(suzuki);
        System.Console.WriteLine(toyota);
    }
}
```

## Runtime

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```
Car(Brand:Suzuki, price:230000, year:2021)
```

```
Car(Brand:Toyota, price:500000, year:2019)
```