

Mehmet Hüsna Kışla

Soru 7:

Yöntem 1:

```
public class Car
{
    public Car(string make)
    {
        Make = make;
    }

    public string Make { get; set; }
}
```

Yöntem 2:

```
public class Car
{
    public Car(string Make)
    {
        this.Make = Make;
    }

    public string Make { get; set; }
}
```

Yöntem 3:

```
public class Car
{
    public Car(string make)
    {
        _make = make;
    }

    private string _make;
    public string Make { get { return _make; } set { _make = Make; } }
}
```

Soru 11:

```
foreach (SoftwareSpecialist item in team)
{
    if (item is SoftwareTester)
    {
        SoftwareTester tester = item as SoftwareTester;
        tester.TesterOzellik = "Tester Özellik";
    }
}
```

Soru 12:

```
public enum GenderType
{
    Erkek, Kadin
}

public class Person
{
    public string FirstName;
    public string LastName;
    public DateTime DateOfBirth;
    public GenderType Gender;
}
```

Soru 13:

```
public class Person
{
    public string FirstName;
    public string LastName;
    public DateTime DateOfBirth;
    public string Gender;

    public Person()
    {
        int result = DateTime.Compare(DateOfBirth, DateTime.Now);

        if(result == -1)
            Console.WriteLine("Bu değer girilemez");
    }
}
```

Soru 14:

```
public class Person
{
    public string FirstName;
    public string LastName;
    public DateTime DateOfBirth;
    public GenderType Gender;

    public Person(string firstName, string lastName)
    {
        FirstName = firstName;
        LastName = lastName;
    }
}
```

Soru 15:

```
public class Seat
{
    public Seat(int number)
    {
        Number = number;
    }

    public int Number { get; }
    public Person Passenger { get; set; }
}
```

Soru 16:

```
private Person _passenger;
public Person Passenger
{
    get
    {
        return _passenger;
    }
    set
    {
        if (Passenger != null)
            Console.WriteLine("Koltuk zaten dolu !");
        else
            _passenger = value;
    }
}
```

Soru 17:

```
public enum KoltukDurum
{
    Bos, Dolu
}

public class Seat
{
    public Seat(int number)
    {
        Number = number;
    }

    public int Number { get; }

    private Person _passenger;
    public Person Passenger
    {
        get
        {
            return _passenger;
        }
        set
        {
            if (Passenger != null)
                Console.WriteLine("Koltuk zaten dolu !");
            else
                _passenger = value;
        }
    }
    public KoltukDurum Durum { get; set; }
}
```

Soru 18:

```
public class Bus
{
    public Bus(int seatCount)
    {
        Seats = new List<Seat>();
        for (int i = 0; i < seatCount; i++)
        {
            int seatNumber = i + 1;

            Seat seat = new Seat(seatNumber);
            Seats.Add(seat);
        }
    }

    public Person Driver { get; set; }
    public List<Seat> Seats { get; set; }
}
```

Soru 19:

```
public class Bus
{
    public readonly int koltukSayisi;

    public Bus(int seatCount)
    {
        Seats = new List<Seat>();
        koltukSayisi = seatCount;
        for (int i = 0; i < koltukSayisi; i++)
        {
            int seatNumber = i + 1;

            Seat seat = new Seat(seatNumber);
            Seats.Add(seat);
        }
    }

    public Person Driver { get; set; }
    public List<Seat> Seats { get; set; }
}
```

Soru 20:

```
public class Seat
{
    public Seat(int number)
    {
        Number = number;
    }

    public int Number { get; }
}
```

Soru 21:

```
public enum KoltukTipi
{
    Erkek, Kadin
}

public class Seat
{
    public Seat(int number)
    {
        Number = number;
    }

    public int Number { get; }
    public KoltukTipi KoltukTipi { get; set; }
}
```

PROJE DOSYALARI

Bus.cs

```
public class Bus
{
    public readonly int koltukSayisi;
    public Bus(int seatCount)
    {
        Seats = new List<Seat>();
        koltukSayisi = seatCount;
        for (int i = 0; i < koltukSayisi; i++)
        {
            int seatNumber = i + 1;

            Seat seat = new Seat(seatNumber);
            Seats.Add(seat);
        }
    }

    public Person Driver { get; set; }
    public List<Seat> Seats { get; set; }
}
```

KoltukDurum.cs

```
public enum KoltukDurum
{
    Bos, Dolu
}
```

KoltukTipi.cs

```
public enum KoltukTipi
{
    Erkek, Kadin
}
```

Person.cs

```
public class Person
{
}
```

Seat.cs

```
public class Seat
{
    public Seat(int number)
    {
        Number = number;
    }

    public int Number { get; }

    private Person _passenger;
    public Person Passenger
    {
        get
        {
            return _passenger;
        }
        set
        {
            if (Passenger != null)
                Console.WriteLine("Koltuk zaten dolu !");
            else
                _passenger = value;
        }
    }
    public KoltukDurum Durum { get; set; }
    public KoltukTipi KoltukTipi { get; set; }
}
```