

```

Program.cs X
Program.cs > {} NYP_CokBicimlilik_Soyutlama > NYP_CokBicimlilik_Soyutlama.Program > Main(string[] args)
1 using System;
2
3 namespace NYP_CokBicimlilik_Soyutlama
4 {
5     class Program
6     {
7         static void Main(string[] args)
8         {
9             Dikdortgen dikdortgen = new Dikdortgen();
10            Dikdortgen dikdortgen -> Yeni dogayda class 'Dikdortgen' oluytur
11            Dikdortgen dikdortgen -> class 'Dikdortgen' oluytur
12            Dikdortgen dikdortgen -> İç iç class 'Dikdortgen' oluytur
13            Console.WriteLine();
14        }
15    }
16 }
    
```

```

Dikdortgen.cs X
Program.cs > {} NYP_CokBicimlilik_Soyutlama > NYP_CokBicimlilik_Soyutlama.Program > Main(string[] args)
1 using System;
2
3 namespace NYP_CokBicimlilik_Soyutlama
4 {
5     class Program
6     {
7         static void Main(string[] args)
8         {
9             Dikdortgen dikdortgen = new Dikdortgen();
10            Ucgen ucgen = new Ucgen();
11            Ucgen ucgen -> Yeni dogayda class 'Ucgen' oluytur
12            Ucgen ucgen -> class 'Ucgen' oluytur
13            Ucgen ucgen -> İç iç class 'Ucgen' oluytur
14        }
15    }
16 }
    
```

```

Dikdortgen.cs X
Dikdortgen.cs > {} NYP_CokBicimlilik_Soyutlama > NYP_CokBicimlilik_Soyutlama.Dikdortgen
1 namespace NYP_CokBicimlilik_Soyutlama
2 {
3     internal class Dikdortgen : Sekil
4     {
5         Sekil dikdortgen -> Yeni dogayda class 'Sekil' oluytur
6         Sekil dikdortgen -> class 'Sekil' oluytur
7     }
8 }
    
```

```

Sekil.cs X
Sekil.cs > {} NYP_CokBicimlilik_Soyutlama
1 namespace NYP_CokBicimlilik_Soyutlama
2 {
3     internal class Sekil
4     {
5         public int En { get; set; }
6         public int Boy { get; set; }
7     }
8 }
    
```

```

Dikdortgen.cs X
Dikdortgen.cs > {} NYP_CokBicimlilik_Soyutlama
1 namespace NYP_CokBicimlilik_Soyutlama
2 {
3     internal class Dikdortgen : Sekil
4     {
5         public int En { get; set; }
6         public int Boy { get; set; }
7     }
8 }
    
```

```

Ucgen.cs X
Ucgen.cs > {} NYP_CokBicimlilik_Soyutlama
1 namespace NYP_CokBicimlilik_Soyutlama
2 {
3     internal class Ucgen : Sekil
4     {
5         public int En { get; set; }
6         public int Boy { get; set; }
7     }
8 }
    
```

```

Dikdortgen dikdortgen = new Dikdortgen();
Ucgen ucgen = new Ucgen();
Kare kare = new Kare();
Paralelkenar paralelkenar = new Paralelkenar();

Dikdortgen dikdortgen = new Dikdortgen(5, 6);
Ucgen ucgen = new Ucgen(5, 6);
Kare kare = new Kare(5, 6);
Paralelkenar paralelkenar = new Paralelkenar(5, 6);
    
```

```

internal class Dikdortgen : Sekil
{
    public Dikdortgen(int en, int boy) : base(en, boy)
    {
    }
}

internal class Ucgen : Sekil
{
    public Ucgen(int en, int boy) : base(en, boy)
    {
    }
}

internal class Kare : Sekil
{
    public Kare(int en, int boy) : base(en, boy)
    {
    }
}

internal class Paralelkenar : Sekil
{
    public Paralelkenar(int en, int boy) : base(en, boy)
    {
    }
}

internal class Sekil
{
    public int En { get; set; }
    public int Boy { get; set; }
    public Sekil(int en, int boy)
    {
        En = en;
        Boy = boy;
    }
}

public int AlanHesapla()
{
    return En * Boy;
}
    
```

```

Ucgen.cs X
Ucgen.cs > {} NYP_CokBicimlilik_Soyutlama
1 namespace NYP_CokBicimlilik_Soyutlama
2 {
3     internal class Ucgen : Sekil
4     {
5         public Ucgen(int en, int boy) : base(en, boy)
6         {
7         }
8         public int AlanHesapla()
9         {
10            return (En * Boy) / 2;
11        }
12    }
13 }
    
```

```

public int AlanHesapla()
{
    return En * Boy;
}
    
```



```

dikdortgen dikdortgen = new Dikdortgen(5, 6);
Ucgen ucgen = new Ucgen(5, 6);
Kare kare = new Kare(5, 6);
Paralelkenar paralelkenar = new Paralelkenar(5, 6);

dikdortgen.AlanHesapla();
ucgen.AlanHesapla();

```

```

List<Sekil> sekiler = new List<Sekil>();
{
    new Dikdortgen(5,6),
    new Ucgen(5,6),
    new Kare(5,6),
    new Paralelkenar(5,6),
};

foreach (var sekil in sekiler)
    sekil.AlanHesapla();

```

```

List<Sekil> sekiler = new List<Sekil>();
sekiler.Add(new Dikdortgen(5,6));
sekiler.Add(new Ucgen(5,6));
sekiler.Add(new Kare(5,6));
sekiler.Add(new Paralelkenar(5,6));

```

```

> sekiler.Count()
> sekiler[0].GetType()
> sekiler[1].GetType()
> sekiler[2].GetType()
> sekiler[3].GetType()

```

```

> sekiler[0].AlanHesapla()
> sekiler[1].AlanHesapla()
> sekiler[2].AlanHesapla()
> sekiler[3].AlanHesapla()

```

```

namespace MYP_Cokkicincilik_Soyutlari
{
    internal class Sekil
    {
        public int En { get; set; }
        public int Boy { get; set; }
        public Sekil(int en, int boy)
        {
            En = en;
            Boy = boy;
        }
        public virtual int AlanHesapla()
        {
            return En * Boy;
        }
    }
}

```

```

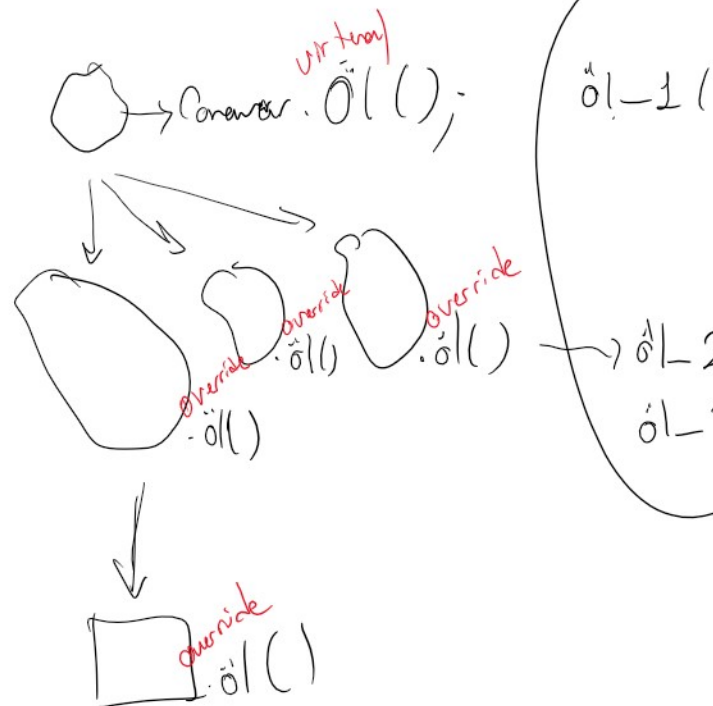
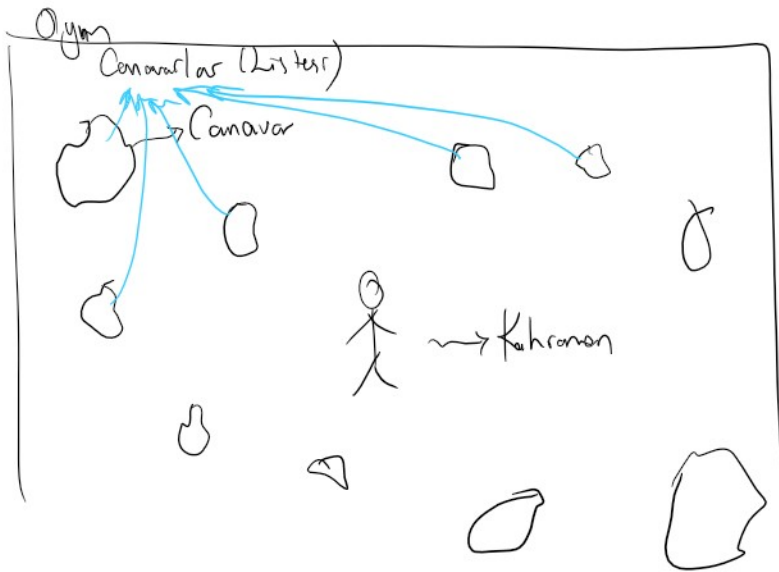
namespace MYP_Cokkicincilik_Soyutlari
{
    internal class Ucgen : Sekil
    {
        public Ucgen(int en, int boy) : base(en, boy)
        {
        }
        public override int AlanHesapla()
        {
            return (En * Boy) / 2;
        }
    }
}

```

```

> sekiler.Count()
> sekiler[0].GetType()
> sekiler[1].GetType()
> sekiler[2].GetType()
> sekiler[3].GetType()

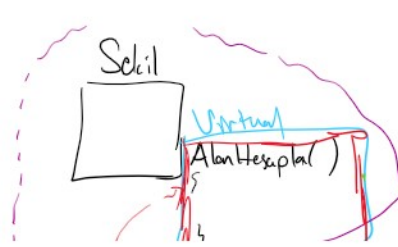
```



```

foreach (var item in Conavarlar)
{
    item.Öl();
}

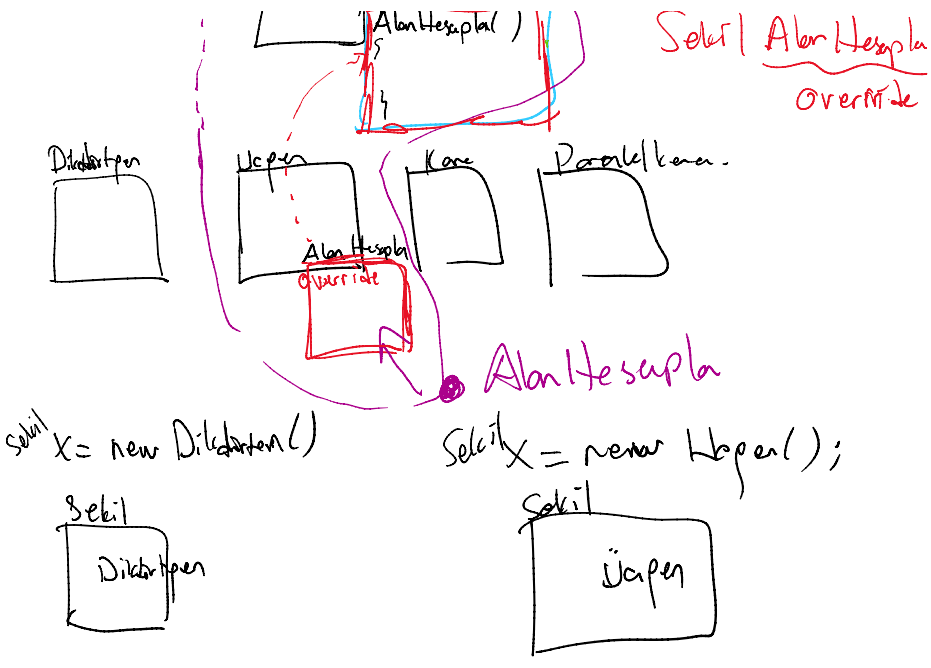
```



Sekil.AlanHesapla -> 30
 Sekil.AlanHesapla
 override

)
2
3

?



Soyutlama

```

class Sekil
{
    namespace NYP_CokBicimlilik_Soyutlama
    {
        1
        2
        3
        4
        5
        6
        7
        8
        9
    }
}

class Dikdortgen : Sekil
{
    1
    2
    3
    4
}

class Ucgen : Sekil
{
    1
    2
    3
    4
}

class Kare : Sekil
{
    1
    2
    3
    4
}

class Paralelkenar : Sekil
{
    1
    2
    3
    4
}

class Program
{
    static void Main()
    {
        Sekil sekil = new Sekil(5, 6);
    }
}

```

Sekil sekil = new Sekil(5, 6);

Soyutlanabilir mi?

```

public virtual int AlanHesapla()
{
    return En * Boy;
}

```

