

## Assignment-4-Interfaces

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```
using System;

interface Iprintable
{
    void printshape();
}

public class shape
{
    public string bg_color;

    public string pen_color;
    public string penwidth;

    public string member_one;

    public string member_two;

    public string member_three;

    public shape(string bg, string pc, string pw)
    {
        bg_color = bg;

        pen_color = pc;

        penwidth = pw;
    }
    public void draw(string b, string p, string pe)
    {
        member_one = p;
        member_two = p;
        member_three = pe;

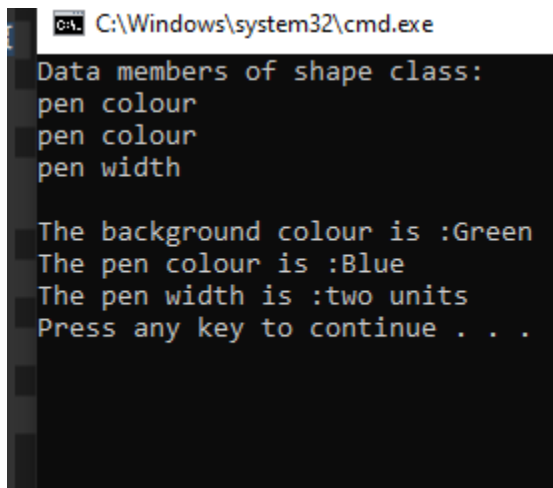
        Console.WriteLine("Data members of shape class:");
        Console.WriteLine(member_one);
        Console.WriteLine(member_two);
        Console.WriteLine(member_three);
    }
}
```

```

public void printshape()
{
    Console.WriteLine("\nThe background colour is :" + bg_color);
    Console.WriteLine("The pen colour is :" + pen_color);
    Console.WriteLine("The pen width is :" + penwidth);
}
class main
{
    static void Main(string[] args)
    {
        shape s = new shape("Green", "Blue", "two units");
        s.draw("Background colour", "pen colour", "pen width");
        s.printshape();
    }
}

```

## OUTPUT



```

C:\Windows\system32\cmd.exe
Data members of shape class:
pen colour
pen colour
pen width

The background colour is :Green
The pen colour is :Blue
The pen width is :two units
Press any key to continue . . .

```