

Tutorial C# con PowerShell: utilizar clases con constructores

[crayon-6a9d4edb1be1d622650957/]

The screenshot shows the Windows PowerShell ISE interface. The left pane displays C# code for a 'Coche' class and a 'MostrarCoche' class. The right pane shows the same code wrapped in a PowerShell script block, with comments in Spanish. The bottom status bar indicates the script is 'Completado' (Completed) at line 46, column 23, with 95% zoom.

```
using System;

class Coche{
    public string marca = "Audi";
    public string modelo = "A3";
    public string color = "Negro";

    public Coche(){
        marca="No marca";
        modelo="No modelo";
        color="No color";
    }

    public Coche(string mar, string mod, string col){
        marca=mar;
        modelo=mod;
        color=col;
    }
}

public class MostrarCoche{
    public static void Main(){
        Coche coche1 = new Coche();

        Console.WriteLine(coche1.marca);
        Console.WriteLine(coche1.modelo);
        Console.WriteLine(coche1.color);

        Coche coche2 = new Coche("Audi","A3","Negro");

        Console.WriteLine(coche2.marca);
        Console.WriteLine(coche2.modelo);
        Console.WriteLine(coche2.color);
    }
}

"@
Add-Type -TypeDefinition $CodigoC

[MostrarCoche]::Main()
No marca
No modelo
No color
Audi
A3
Negro
PS C:\Users\juan>
```

```
1 #Crear una clase coche con las propiedades marca, modelo y color
2 #Crear un constructor Coche para asignar marca, modelo y color
3
4 $CodigoC = @"
5
6 using System;
7
8 class Coche{
9     public string marca = "Audi";
10    public string modelo = "A3";
11    public string color = "Negro";
12
13    public Coche(){
14        marca="No marca";
15        modelo="No modelo";
16        color="No color";
17    }
18
19    public Coche(string mar, string mod, string col){
20        marca=mar;
21        modelo=mod;
22        color=col;
23    }
24 }
25
26 public class MostrarCoche{
27     public static void Main(){
28         Coche coche1 = new Coche();
29
30         Console.WriteLine(coche1.marca);
31         Console.WriteLine(coche1.modelo);
32         Console.WriteLine(coche1.color);
33
34         Coche coche2 = new Coche("Audi","A3","Negro");
35
36         Console.WriteLine(coche2.marca);
37         Console.WriteLine(coche2.modelo);
38         Console.WriteLine(coche2.color);
39     }
40 }
41
42 "@
43
44 Add-Type -TypeDefinition $CodigoC
45
46 [MostrarCoche]::Main()
```

Completado | Lin. 46 Col. 23 | 95 %