

Introduction to C#

For Queer people #2

Git

- ▶ <https://git-scm.com/downloads>

```
PS /Users/[REDACTED]/SourceCode/folder_where_I_want_repo> git clone https://github.com/Atieril/DomEQ_CSharp.git .
Cloning into '.'...
remote: Enumerating objects: 30, done.
remote: Counting objects: 100% (30/30), done.
remote: Compressing objects: 100% (28/28), done.
remote: Total 30 (delta 3), reused 29 (delta 2), pack-reused 0
Receiving objects: 100% (30/30), 755.27 KiB | 6.09 MiB/s, done.
Resolving deltas: 100% (3/3), done.
```

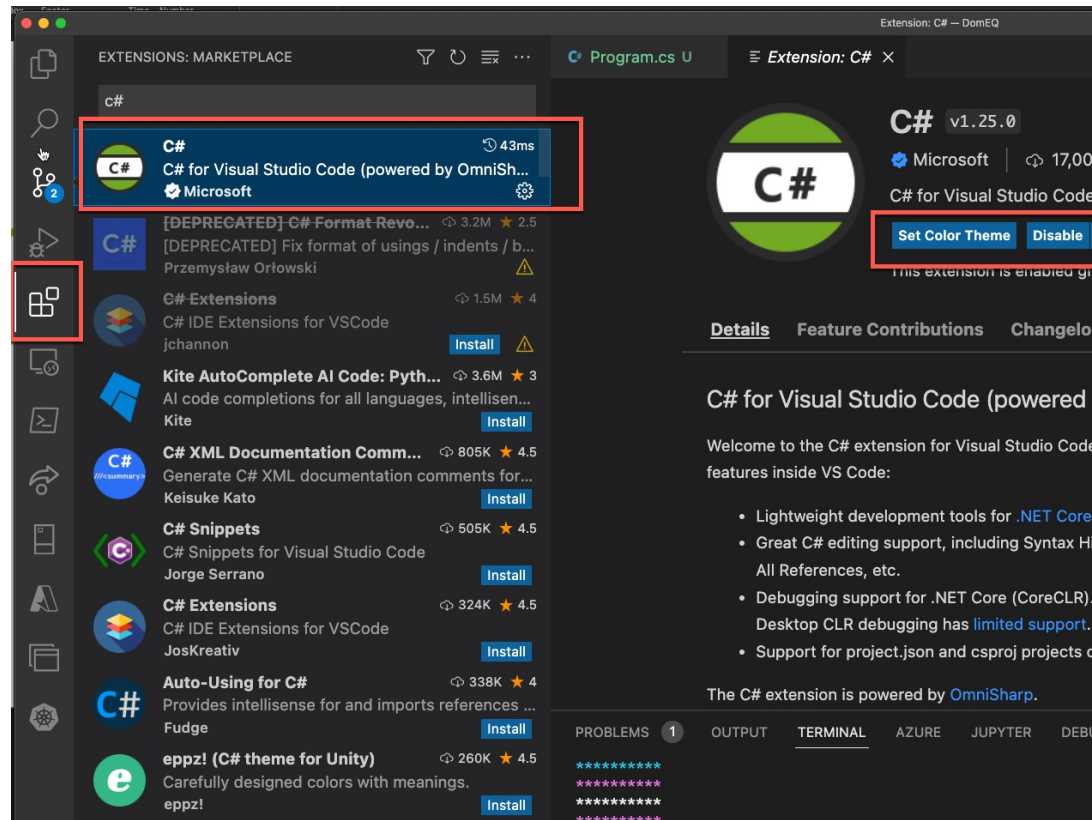
Git - Pull

```
PS /Users/[REDACTED]/SourceCode/folder_where_I_want_repo> git pull  
Already up to date.
```

Git - Reset

```
PS /Users/[REDACTED]/SourceCode/folder_where_I_want_repo> git reset --hard HEAD
```

C# Extension



Functions

```
void DrawLine(int length, ConsoleColor color){  
    Console.ForegroundColor = color;  
    for(var i=0; i<length;i++){  
        Console.Write("*");  
    }  
    Console.ResetColor();  
    Console.WriteLine();  
}
```

Usage of functions

```
int length = 10;  
  
DrawLine(length, ConsoleColor.Cyan);  
DrawLine(length, ConsoleColor.Magenta);  
DrawLine(length, ConsoleColor.White);  
DrawLine(length, ConsoleColor.Magenta);  
DrawLine(length, ConsoleColor.Cyan);
```

Arrays

```
var array = new[] { ConsoleColor.Cyan, ConsoleColor.Magenta, ConsoleColor.White, ConsoleColor.Magenta, ConsoleColor.Cyan };  
DrawFlag(10,array);
```


Functions with arrays

```
void DrawFlag(int size, ConsoleColor[] colors){  
    for(var i = 0;i<colors.Length;i++){  
        DrawLine(size,colors[i]);  
    }  
}
```

Excercise #1

- ▶ Create an application that allows to draw 5 different flags on user request
- ▶ Let the user specify the size of flag

Excercise #2

- ▶ Create a game that rolls a number in secret Random
- ▶ User can guess the number
 - ▶ If guessed > secret write “too big”
 - ▶ If guessed < secret write “too small”
 - ▶ If guessed == secret write “you won” and end the program

```
var ra = new Random();  
ra.Next(1,1000);
```

Source Code + Presentation

https://github.com/Atieril/DomEQ_CSharp