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| C# 0.1 零基礎入門 | horizontal line  學習連結 [C# 簡介](https://docs.microsoft.com/zh-tw/dotnet/csharp/tutorials/intro-to-csharp/index)  2019.10.14 Hello World系列 |
| **ㅡ** 執行您的第一個 C# 程式String 宣告變數Console.WriteLine() 將參數輸出至主控台，並在結束時換行 | horizontal line  \\ 宣告一個變數 aFriend，並為其指派一個值 "Bill"  string aFriend = "Bill";  Console.WriteLine(aFriend); |
| **ㅡ** 宣告和使用變數Console.WriteLine($"文字 {字串物件}")Console.WriteLine($"文字 {字串物件} 文字{字串物件}"); | horizontal line  aFriend = "Maira";  Console.WriteLine(aFriend);  Console.WriteLine("Hello " + aFriend);  Console.WriteLine("Hello {aFriend}");  Console.WriteLine($"Hello {aFriend}");  string firstFriend = "Maria";  string secondFriend = "Sage";  Console.WriteLine($"My friends are {firstFriend} and {secondFriend}");  Console.WriteLine($"The name {firstFriend} has {firstFriend.Length} letters.");  Console.WriteLine($"The name {secondFriend} has {secondFriend.Length} letters"); |
| **ㅡ** 處理字串Trim / TrimStart / TrimEnd 回傳新的字串物件，刪減頭尾的空白 變數.Replace("舊變數", "新變數") 回傳新的字串物件，搜尋並取代(變數.ToUpper()); / (變數.ToLower());  調整字母大小寫 | horizontal line  string greeting = " Hello World! ";  Console.WriteLine($"[{greeting}]");  string trimmedGreeting = greeting.TrimStart();  Console.WriteLine($"[{trimmedGreeting}]");  trimmedGreeting = greeting.TrimEnd();  Console.WriteLine($"[{trimmedGreeting}]");  trimmedGreeting = greeting.Trim();  Console.WriteLine($"[{trimmedGreeting}]");    string sayHello = "Hello world!";  Console.WriteLine(sayHello);  sayHello = sayHello.Replace("Hello", "Greetings");  Console.WriteLine(sayHello);    Console.WriteLine(sayHello.ToUpper());  Console.WriteLine(sayHello.ToLower()); |
| **ㅡ** 搜尋字串(變數.Contains(“文字”)); / (變數.StartWith(“文字”)); / (變數.EndsWith(“文字”)); 搜尋並顯示布林值 true / false | horizontal line  string songLyrics = "You say goodbye, and I say hello.";  Console.WriteLine(songLyrics.Contains("goodbye"));  Console.WriteLine(songLyrics.Contains("greeting"));    Console.WriteLine(songLyrics.StartsWith("You"));  Console.WriteLine(songLyrics.StartsWith("you"));  Console.WriteLine(songLyrics.EndsWith("hello"));  Console.WriteLine(songLyrics.EndsWith("hello.")); |
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