# **Learn C# with me Day-1**

Microsoft's C# programming language is used to create back-end services, desktop programmes, video games, augmented and virtual reality (AR and VR), and interactive websites and mobile apps. C# runs on the.NET framework, which is a collection of tools and commands that allows you to create C# applications. Unlike Python and JavaScript, C# requires you to specify the data type for each variable in a programme. Providing a piece of data a type effectively instructs a computer what operations it can and cannot carry out on it. This method of coding helps developers in avoiding a vast class of mistakes that are prevalent in JavaScript and Python. C# programmes are created by defining objects that interact with one another, making code reusable and simple to manage. The C# code has the.cs file extension. The following code must be created in order to create a programme that prints Hello World.

**Using System;**

**Namespace HelloWorld {**

**Class Program{**

**Static void Main(){**

**Console.WriteLine(“Hello World”);**

**}**

**}**

**}**

We can also receive user input . ReadLine() is used to capture text that a user types into the console.The following code must be written to create a programme that asks the user for their age and prints it.-

**using System;namespace GettingInput{**

**class Program{**

**static void Main(){**

**Console.WriteLine("How old are you?");**

**string input = Console.ReadLine();**

**Console.WriteLine($"You are {input} years old!")**

**}**

**}**

**}**

* to run this, we need to run **dotnet run** in bash

**To make comments The comment must be added either after / or in the space between /\* and \*/. Technologies built with C# are quick. The C# community is large.** C# is employable:

**How to go off the platform with C#?**

**I am using Visual Studio in Windows. You can download Visual Studio from**[**https://visualstudio.microsoft.com/**](https://visualstudio.microsoft.com/)**. We need to choose Visual Studio and not visual studio code. While downloading we need to choose the option .NET desktop development. After downloading click on new and project on the upper taskbar. Choose the console app. Give it a name. you can then write your C# code. To run it you need to click on start.**

**Video walk-through -**[**https://www.youtube.com/watch?v=rlgBGfHu6XA**](https://www.youtube.com/watch?v=rlgBGfHu6XA)