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هذا الملف للمراجعة السريعة واخذ الملاحظات عليه فقط ،لانه يحتوي
على اقل من 20٪ مما يتم شرحه في الفيديوهات
الاستعجال والاعتماد عليه فقط سوف يجعلك تخسر كميه معلومات
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Programming - Level 1
What is C#?
And Why?
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What is C#?

- C# (pronounced as C sharp) is a general-purpose, object-oriented programming language.
- The first version was released in year 2002. The latest version, C# 11, was released in November 2022.
- It is one of the most popular languages used for developing desktop and web applications.
- Being a C based language, C# is closer to C++ and C. Syntactically, it is similar to Java.
- Modern – C# is a modern and powerful language that allows developers to build robust applications quickly and easily. It is built based on the current trend

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What is C#?

- Simple – The code written in C# is much simpler and easier to understand. It is syntactically very similar to Java.
- Type Safe – C# ensures that each variable of a particular type does not hold values of other types.
- Object-oriented – C# supports the object-oriented paradigm such as objects, classes, inheritance, polymorphism, etc.
- Being a high-level language, the basic constructs of C# is easy to understand.
- C# has a huge community. Hence a C# related question is more likely to be answered quickly

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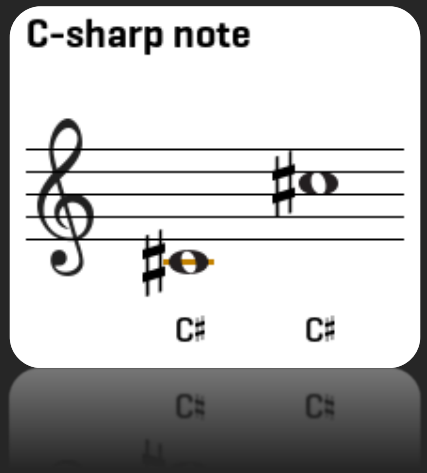
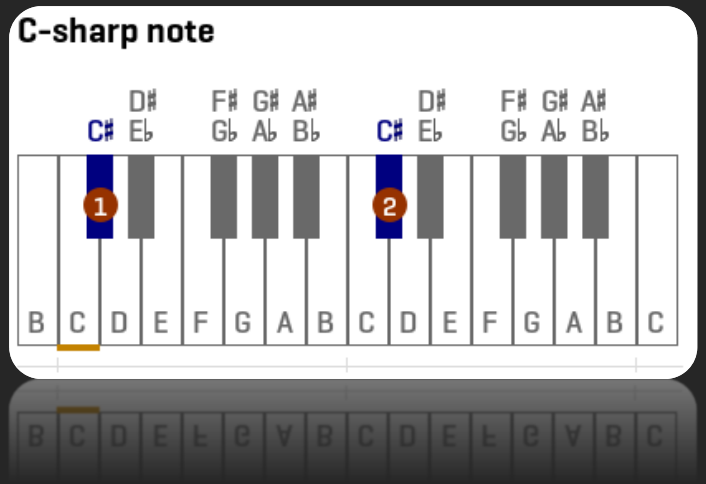
Why it’s called C#?

The name "C sharp" was inspired by the musical notation whereby a sharp symbol indicates that the written note should be made a semitone higher in pitch.





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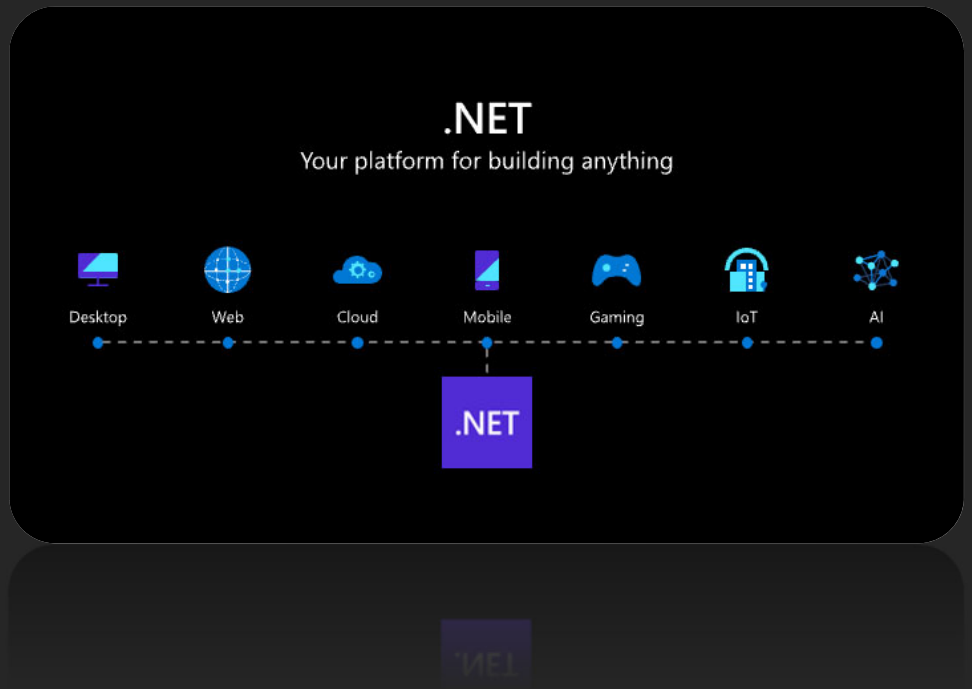
What can we do with C#?

Everything we can do with .NET ☺



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