## Ms. Terkper's Digital Classroom

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# **Basics of C# 1: Introduction to Syntax**

Basics of C# This page introduces the fundamentals of C# syntax as covered in the first two modules of Microsoft Learn: Get Started with C#.

#### What is C#?

C# (pronounced "C-Sharp") is a modern, object-oriented programming language developed by Microsoft. It is used for building games (Unity), web apps (.NET), and automation scripts.

### **Basic C# Syntax**

In C#, every program has a **Main method, and statements end with a semicolon** (;). Here's a simple program:

```
using System;

class Program
{
    static void Main()
    {
        Console.WriteLine("Hello, World!");
    }
}
```

#### **Questions**

1. What is C# primarily used for?

Compost Ma	ll donal	
✓ Correct! We	il done!	
2. Which method	is required in every C# program?	
○ A. Start()		
○ B. Execute()		
<ul><li>C. Main()</li></ul>		
O. Run() Submit		
_		
Correct! We	I done!	
3. What is the co	rrect syntax to print "Hello, World!" in C#?	
○ A. print("Hello,	World!");	
<ul><li>A. print("Hello,</li><li>B. echo "Hello</li><li>€ C. Console.Wi</li></ul>	World!"); World!"; iteLine("Hello, World!");	
<ul><li>A. print("Hello,</li><li>B. echo "Hello</li><li>€ C. Console.Wi</li><li>D. cout &lt;&lt; "He</li></ul>	World!"); World!"; iteLine("Hello, World!");	
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Submit

✓ Correct! Well done!

- 5. Which of the following is a correct single-line comment in C#?
- A. /\* This is a comment \*/
- B. // This is a comment
- C. # This is a comment
- O D. -- This is a comment

Submit

**✓** Correct! Well done!

- 6. What data type should be used for a decimal number in C#?
- A. int
- B. double
- O. bool
- O. string

Submit

✓ Correct! Well done!

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