## 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?

O. None of the above Submit		
✓ Correct! Well done!		
2. Which metho	d is required in every C# program?	
○ A. Start()		
○ B. Execute()		
<ul><li>C. Main()</li></ul>		
O. Run() Submit		
Correct! We	all done!	
B. What is the c	orrect syntax to print "Hello, World!" in C#?	
	y World!"):	
<ul><li>○ R. echo "Helle</li></ul>	·	
O = 1 = 1	/riteLine("Hello, World!");	
_	ello, World!";	
C. Console.W		
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<ul><li>C. Console.W</li><li>D. cout &lt;&lt; "H</li></ul>	ell done!	
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<ul><li>C. Console.W</li><li>D. cout &lt;&lt; "H</li><li>Submit</li></ul>	ell done!	
<ul><li>C. Console.W</li><li>D. cout &lt;&lt; "H</li><li>Submit</li></ul>	ell done!	
<ul><li>C. Console.W</li><li>D. cout &lt;&lt; "H</li><li>Submit</li><li>Correct! Wo</li></ul>	ell done! rd is used to declare a variable in C#?	

✓ 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. -- This is a comment

Submit

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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