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?

Submit	lall danal		
✓ Correct! W	eii done!		
2. Which meth	od is required in every C#	program?	
○ A. Start()		program.	
○ B. Execute()			
C. Main()			
○ D. Run()			
Submit			
Correct! W	'ell done!		
3. What is the	correct syntax to print "He	lo, World!" in C#?	
		lo, World!" in C#?	
○ A. print("Hel	o, World!");	lo, World!" in C#?	
A. print("HelB. echo "HeC. Console."	o, World!"); lo, World!"; VriteLine("Hello, World!");	lo, World!" in C#?	
A. print("HelB. echo "HeC. Console."D. cout << "	o, World!"); lo, World!";	lo, World!" in C#?	
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 A. print("Hel B. echo "He C. Console." D. cout << " Submit ✓ Correct! V 	o, World!"); lo, World!"; VriteLine("Hello, World!"); Hello, World!";		

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. -- 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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