Ms. Terkper's Digital Classroom

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#](https://).

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?

○ A. Web development
○ B. Game development
◉ C. Both A & B
○ D. None of the above

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✅ **Correct! Well done!**

2. Which method is required in every C# program?

○ A. Start()
○ B. Execute()
◉ C. Main()
○ D. Run()

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✅ **Correct! Well done!**

3. What is the correct syntax to print "Hello, World!" in C#?

○ A. print("Hello, World!");
○ B. echo "Hello, World!";
◉ C. Console.WriteLine("Hello, World!");
○ D. cout << "Hello, World!";

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✅ **Correct! Well done!**

4. Which keyword is used to declare a variable in C#?

◉ A. var
○ B. define
○ C. let
○ D. new

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✅ **Correct! Well done!**

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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
○ D. -- This is a comment

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✅ **Correct! Well done!**

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6. What data type should be used for a decimal number in C#?

○ A. int
◉ B. double
○ C. bool
○ D. string

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✅ **Correct! Well done!**