Ms. Terkper's Digital Classroom

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Basics of C# 2: Variables and Data Types

Basics of C# This module introduces **variables and data types** in C#. Learn how to declare variables, assign values, and understand different data types.

What are Variables?

In C#, variables are **storage locations** that hold data. You declare a variable with a specific **data type.**

```
int myNumber = 10;
string myName = "Hannah";
bool isTeacher = true;
double pi = 3.14;
```

Questions

- 1. What is the correct way to declare an integer variable in C#?
- A. int number = 10;
- \bigcirc B. var number = 10;
- C. integer number = 10;
- \bigcirc D. number = 10;

Submit

✓ Correct! Well done!

2. Which data type should be used for a floating-po	oint number?
○ A. int	
B. double	
○ C. bool	
Output	
Submit	
✓ Correct! Well done!	
3. What is the purpose of a variable in C#?	
A. To store values in a program	
 B. To display text on the screen 	
○ C. To create graphics	
○ D. To close the program	
Submit	
✓ Correct! Well done!	
4. Which data type is used to store whole numbers	s in C#?
○ A. float	
○ B. string	
C. intD. bool	
Submit Submit	
Correct! Well done!	
5. What will be the output of the following code?	
<pre>int age = 15; Console.WriteLine(age);</pre>	

O Nothing the section		
○ C. Nothing, there is a○ D. The program will o		
Submit	nasii	
	. •	
Correct! Well done	e!	

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