

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;
- B. var number = 10;
- C. integer number = 10;
- D. number = 10;

Submit

 **Correct! Well done!**

2. Which data type should be used for a floating-point number?

- A. int
- B. double
- C. bool
- D. string

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 in C#?

- A. float
- B. string
- C. int
- D. bool

Submit

 **Correct! Well done!**

5. What will be the output of the following code?

```
int age = 15;  
Console.WriteLine(age);
```

- A. 15
- B. "age"
- C. Nothing, there is an error
- D. The program will crash

Submit

 **Correct! Well done!**

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