PYTHON LEARNING

LESSON 03

The journey from mediocrty to mastery

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01

Arithematic Operators

WHAT?

Arithmetic operators are symbols that perform basic mathematical operations such as addition, subtraction, multiplication, and division.

EXAMPLES

A+B
A-B
A*B
A/B

WHY?

Arithmetic operators allow us to perform calculations on numerical data. They are essential for any program that requires mathematical operations, from basic calculations to complex algorithms.

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Type Casting

02

WHAT?

Type casting is the process of converting one data type to another

- `int()` - Converts to an integer
- `float()` - Converts to a float
- `str()` - Converts to a string
- `bool()` - Converts to a boolean

WHY?

Type casting is useful when you need to perform operations that require compatible data types

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03

User Input

WHAT?

The input() function is used to get input from the user. It allows the program to pause, wait for user input, and then proceed with the data provided. By default, input() returns the input as a string.

WHY?

User input makes programs interactive, allowing users to provide data that the program can process. This is crucial for creating dynamic applications that adjust to the user's needs

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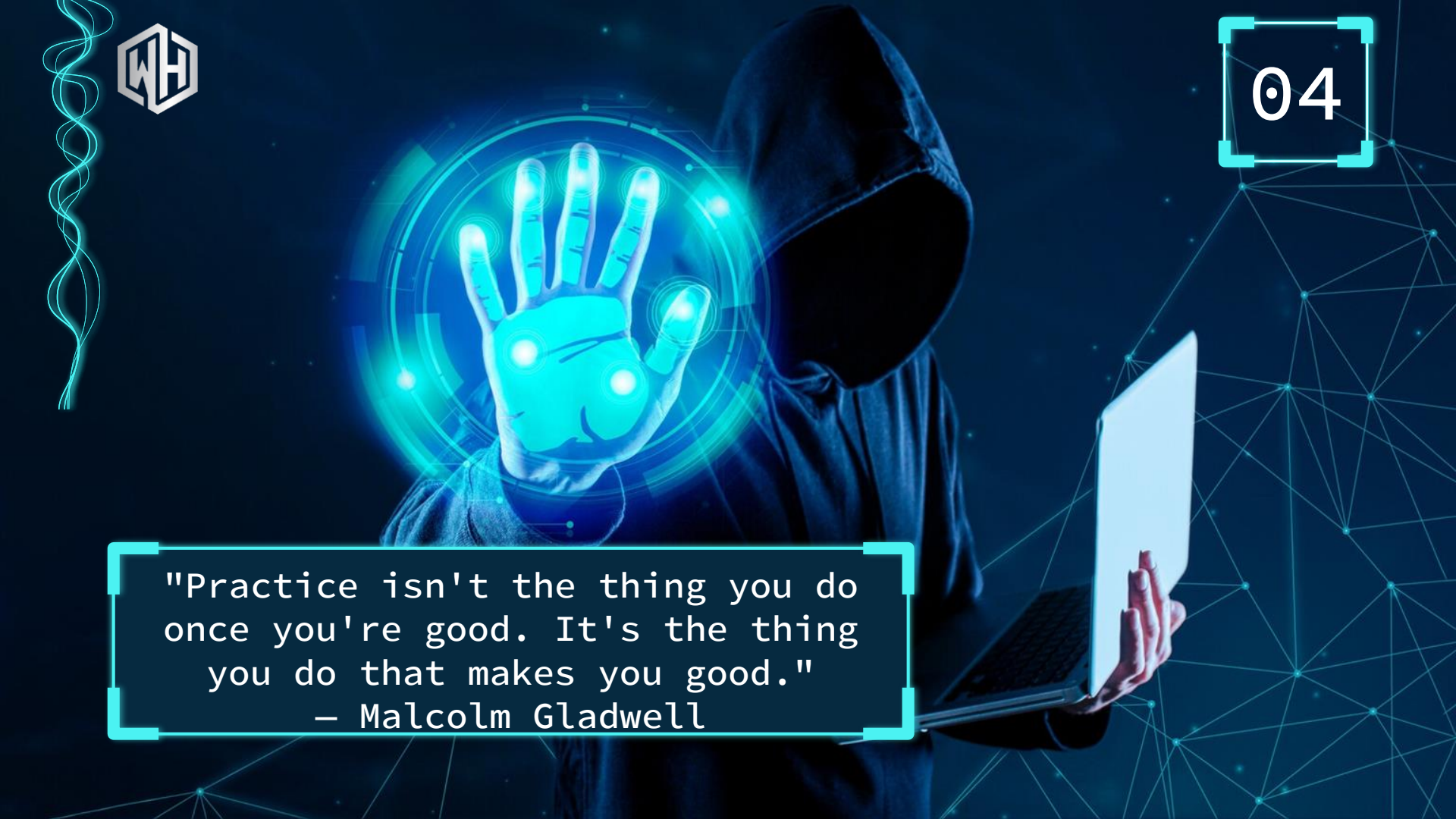
04
"Practice isn't the thing you do once you're good. It's the thing you do that makes you good."
— Malcolm Gladwell