

## Quiz & Interactive Q&A

- **Quiz Topics Include:**

- Definitions and importance of debugging
- Differences between syntax, runtime, logic, operator precedence, variable binding, and type errors
- How print statements and IDE debuggers aid in the debugging process

- **Sample Questions:**

- **What is a common cause of syntax errors in Python?**

- a) Incorrect use of operators
- b) Missing colons or mismatched parentheses
- c) Logic errors
- d) None of the above

- **How does operator precedence affect calculations?**

- a) It determines the order operations are performed
- b) It affects variable binding
- c) It only matters in loops
- d) It is irrelevant

- **Which debugging technique can help you verify the state of variables mid-execution?**

- a) Using print statements
- b) Rewriting the code entirely

c) Ignoring error messages

d) None of the above