



Interview Questions : Comments in Python



Objective:

To assess a candidate's understanding of using comments in Python to improve code readability, documentation, and maintainability.



Beginner-Level Questions

1. What is a comment in Python and why is it used?
2. How do you write a single-line comment in Python?
3. What are multi-line comments in Python and how do you create them?
4. Does Python ignore comments during code execution?
5. What's the difference between using `#` and triple quotes `' '` or `" "` for comments?



Intermediate-Level Questions

6. Can comments be placed after code on the same line? Give an example.
7. Are doc strings the same as multi-line comments in Python? Explain.
8. When should you use comments in code?
9. What are some best practices for writing comments in Python?
10. Can comments impact the performance or execution time of a Python program? Why or why not?



Scenario-Based Questions

11. You're reviewing someone else's code with no comments. What issues might arise?
12. What would you do if a block of code is difficult to understand but works correctly?
13. Given a script, identify which comments are redundant or not helpful. (Interviewer provides sample code)
14. How do you document a function's purpose and usage in Python?