

File Handling using “os” module Interview Questions

(Managing Files & Directories)

1. What is the purpose of the `os` module in Python file handling?
2. Explain the purpose of the `os.getcwd()` function in file handling.
3. How do you list files and directories in a directory using Python?
4. How can you remove a file in Python?
5. How can you rename a file in Python?
6. What is use of `mkdir()`, `rmdir()`, `chdir()` methods?
7. What is the purpose of the `os.path` module in file handling?
8. How can you check if a file exists in Python before opening it?
9. How do you check if a file is a directory or a regular file in Python?
10. What is the purpose of the `os.path.join()` function in file handling?
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13. What is the purpose of the `os.path.exists()` function in file handling?
14. How can you check if a file exists in Python before opening it?
15. How do you check if a file is a directory or a regular file in Python?
16. What is the purpose of the `os.path.split()` function in file handling?
17. What is the purpose of the `os.path.basename()` function in file handling?
18. What is the purpose of the `os.path.dirname()` function in file handling?
19. What is the purpose of the `os.path.abspath()` function in file handling?
20. What is the purpose of the `os.path.isabs()` function in file handling?
21. What is the purpose of the `os.makedirs()` function in file handling?
22. How do you handle errors and exceptions when working with files in Python?