

Python Topics & Questions to practice

1. What Is Python? What Are the Benefits Of Using Python?
2. What is PEP 8?
3. How Python is interpreted?
4. How memory is managed in Python?
5. How Python Can Be Used In Testing?
6. What Python Frameworks Do You Know?
7. What are tuples? Which scenario is ideal to use tuples?
8. What is the difference between list and tuple?
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10. What are the built-in type does python provides?
11. What is Dict and List comprehensions are?
12. What is namespace ?
13. What is lambda? Where do we use it, provide example
14. Why lambda forms in python does not have statements?
15. What is Pass, break & Continue in python?
16. How do you install & set environmental variable in python
17. How to use virtual environment in python
18. What is difference between .py & .pyc files
19. What does *args and **kwargs mean?
20. What is nested list
21. What is Pop & Popen
22. What scenarios do you use OS module
23. How do you execute a command using python?
24. How will you perform Sleep, Hibernate, Reboot, shutdown using python script
25. Reverse the given string
26. Read the log file & print the number of times a "string" is present & the line or position
27. Difference between rem() & del ()
28. How to remove whitespaces
29. What is the difference between shallow copy & deep copy
30. How to create a Unicode string in python
31. What is enumerate ()
32. How to reverse a string & list?
33. What are return statements & how does a function return a value
34. How to remove duplicate item from list
35. Data types in python
36. Explain recursion
37. How do you find out the data type of a particular declaration
38. How to print keys from a dictionary
39. Print the value & key from a dict
40. How to iterate thorough a list, dict
41. Explain Slicing, docstrings
42. What is a dynamically typed language?
43. How can you copy an object in Python?
44. What is negative index in Python?

45. How you can convert a number to a string?
46. What is the difference between Xrange and range?
47. local and global variables in Python
48. How to copy, delete file in python
49. How can you access a module in python
50. What is split & where is it used
51. Explain what you know about unit testing framework?
52. In file handling, what does this term means "r, a"?
53. What is the use of "w" in file handling?
54. What is the use of "a" in file handling?
55. Which function(s) is used to read (& write) all the characters?
56. Which function is used to read (& write) single line from file?
57. How do u open & close a file in python?
58. How to create a new txt file using python?
59. How to go to a specific path or location ?
60. Write a code to print contents in a given folder. The folder consists of files, sub folders with files. Print & list all the files & subfolders
61. Difference between Popen() & call() in subprocess
62. Different Operators in python & which operator takes first preference when multiple operators are part of the equation?