

Websites:

Strings:

<https://towardsdatascience.com/41-questions-to-test-your-knowledge-of-python-strings-9eb473aa8fe8>

Basic questions:

<https://towardsdatascience.com/53-python-interview-questions-and-answers-91fa311eec3f>

Python Numbers concept:

<https://www.techbeamers.com/python-numbers/>

Lists:

<https://towardsdatascience.com/60-questions-to-test-your-knowledge-of-python-lists-cca0ebfa0582>

Most commonly asked Basic Python Interview questions

<https://medium.com/analytics-vidhya/most-commonly-asked-basic-python-interview-questions-d31cbdf8272f#:~:text=A%20tuple%20is%20also%20an,modified%20after%20it%20is%20created.>

Tuple concept methods

1. What is the difference between a list and a tuple?
2. How is string interpolation performed?
3. What is the difference between “is” and “==”?
4. What is a decorator?
5. Explain the range function
6. Define a class named car with 2 attributes, “color” and “speed”. Then create an instance and return speed.
7. What is the difference between instance, static and class methods in python?
8. What is the difference between “func” and “func()”?
9. Explain how the map function works
10. Explain how the reduce function works
11. Explain how the filter function works

12. Does python call by reference or call by value?
13. How to reverse a list?
14. How does string multiplication work?
15. How does list multiplication work?
16. What does “self” refer to in a class?
17. How can you concatenate lists in python?
18. What is the difference between a shallow and a deep copy?
19. What is the difference between lists and arrays?
20. How to concatenate two arrays?
21. What do you like about Python?
22. What is your favorite library in Python?
23. Name mutable and immutable objects
24. How would you round a number to 3 decimal places?
25. How do you slice a list?
26. What is pickling?
27. What is the difference between dictionaries and JSON?
28. What ORMs have you used in Python?
29. How do any() and all() work?
30. Are dictionaries or lists faster for lookups?

31. What is the difference between a module and a package?
32. How to increment and decrement an integer in Python?
33. How to return the binary of an integer?
34. How to remove duplicate elements from a list?
35. How to check if a value exists in a list?
36. What is the difference between append and extend?
37. How to take the absolute value of an integer?
38. How to combine two lists into a list of tuples?
39. How can you sort a dictionary by key, alphabetically?
40. How does a class inherit from another class in Python?
41. How can you remove all whitespace from a string?
42. Why would you use enumerate() when iterating on a sequence?
43. What is the difference between pass, continue and break?
44. Convert the following for loop into a list comprehension.
45. Give an example of the ternary operator.
46. Check if a string only contains numbers.
47. Check if a string only contains letters.
48. Check if a string only contains numbers and letters.
49. Return a list of keys from a dictionary.

50. How do you upper and lowercase a string?

51. What is the difference between remove, del and pop?

52. Give an example of dictionary comprehension.

53. How is exception handling performed in Python?