

# **Python List Data Type Methods Interview Questions**

1. What is list in Python?
2. How to get the length or number of elements of a python list?
3. How to access python list items?
4. How to check if an item or value is present in a python list?
5. How to add elements or items to a python list?
6. How to remove elements or items from a python list?
7. How to find the maximum element in a list.
8. How to find the minimum element in a list.
9. How to find the sum of all elements in a list.
10. How to count the occurrences of an element in a list.
11. How to find the index of the first occurrence of an element in a list.
12. How to create a new list containing only the even numbers from the original list.
13. How to sort a list in ascending order.
14. How to sort a list in descending order.
15. Explain the difference between the `append()` and `extend()` methods in Python lists.
16. How do you add an element to the end of a list in Python?
17. How can you insert an element at a specific index in a list?
18. Discuss the purpose of the `remove()` and `pop()` methods in Python lists.
19. What is the purpose of the `count()` method in Python lists?
20. How can you reverse the order of elements in a list?
21. Explain the purpose of the `clear()` method in Python lists.