Python List Practice Questions

Below are 20 Python list practice questions for students. These questions cover list creation, access, methods, and operations.

1. Create a list of 5 integers and print them.

2. Create a list of strings and print each element using a for loop.

3. Find the length of a given list using len().

4. Access the 2nd and 4th elements from a list.

5. Create a list of numbers and print a sublist from index 1 to 3.

6. Add a new element at the end of a list using append().

7. Insert an element at the 2nd position using insert().

8. Add multiple elements to a list using extend().

9. Remove a specific element from a list using remove().

10. Remove the last element of a list using pop().

11. Sort a list of numbers in ascending order using sort().

12. Reverse a list using reverse().

13. Count how many times a specific element appears in a list using count().

14. Find the index of an element using index().

15. Copy a list into another list using copy().

16. Clear all elements from a list using clear().

17. Use list comprehension to create a list of squares from 1 to 10.

18. Create a nested list (list inside a list) and access an element from the inner list.

19. Check if a particular element exists in a list using the 'in' operator.

20. Write a program to take 5 numbers from the user, store them in a list, and print the sum of all numbers.