1. Create a list of five numbers.
2. How would you append the number 6 to the list [1, 2, 3, 4, 5]?
3. How would you access the third element in the list ["apple", "banana", "cherry", "date"]?
4. Remove the last item from the list [10, 20, 30, 40].
5. Write a Python code to sort the list [4, 1, 8, 5, 2] in ascending order.
6. Create a list with mixed data types: an integer, a string, and a floating-point number.
7. Use list slicing to get the first three elements of the list [10, 20, 30, 40, 50].
8. Count how many times the number 3 appears in the list [1, 3, 3, 5, 7].
9. Write a Python code to merge the lists [1, 2] and [3, 4] into one list.
10. How would you clear all the items in the list ["a", "b", "c", "d"]?