1. Theoretical Question:

  - Explain the difference between a list and a tuple in Python. When would you use one over the other?

2. Coding Question:

  - Write a Python function to remove all duplicates from a list.

3. Coding Question:

  - Write a Python program to create a dictionary from two lists, one containing keys and the other containing values.

4. Coding Question:

  - Write a Python function to check if a given string is a palindrome.

5. Coding Question:

  - Write a Python function to merge two dictionaries. If the keys are the same, sum their values; otherwise, add the key-value pair to the merged dictionary.