**Worksheet 2: Strings, Lists, and Tuples**

**Objective**: Explore and manipulate Python strings, lists, and tuples.

**Estimated Time**: 30 minutes

1. **Introduction (5 minutes)**:
   * Define strings, lists, and tuples.
   * Explain the differences between lists (mutable) and tuples (immutable).
   * Show how to create strings, lists, and tuples in Python.
2. **Activity 1: String Manipulation (10 minutes)**:
   * Assign a sentence to a string variable.
   * Use string methods: upper(), lower(), replace(), split().
   * Concatenate two strings together.
3. **Activity 2: List Operations (10 minutes)**:
   * Create a list of integers and a tuple of integers.
   * Perform operations on the list (e.g., append, remove, sort).
   * Attempt to modify the tuple and observe the result.
4. **Reflection Questions (5 minutes)**:
   * Why can’t we modify tuples?
   * How would you convert a tuple to a list if you need to modify it?