**Activity 3 | Tuples**

**Activity 2: Tuple Time Capsule - Immutable Instructions**

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| **Reminders for Learners:**   * Copy the activity sheet from the shared folder before answering. * Do not edit directly in the shared folder. * Read the instructions carefully before writing your responses. * Think practically — relate the activity to real-world experiences (e.g., travel, packing, organizing). * After completing the activity, save and upload your file back to the shared folder. * Follow the correct filename format:  [LastName]\_[ActivityName] (e.g., Reyes\_TupleSimulation.docx) * Double-check your work and filename before submitting.   **Time Limit:** 20 minutes |

**Objective:**

Understand immutability by listing fixed items that cannot be changed once packed.

**Scenario:**

You’re curating a time capsule to be opened 10 years from now. After preparing it, what would the content of the time capsule be 10 years from now?

**Change Log:**

**Start with:**

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| Python time\_capsule ("letter to future self", "photos", "USB drive") |

**Steps:**

1. Try to replace "photos" with "video recording".
2. Attempt to remove "USB drive"
3. Add "newspaper" to the end
4. Read and review "letter to future self"
5. Attempt to reorder the items

**Final Tuple**

**1. “letter to future self”**

**2. “photos”**

**3. “USB drive”**

**4. Read and Review “letter to future self”**

**5. “newspaper”**

**Reflection Questions**

1. Which actions were rejected, and why?

“The action that are rejected were the;

Attempt to replace “photos” with “video recording”, remove “USB drive”, and attempt to reorder the items. Because in tuples you cannot modified the elements but you can add another elements by using .add()

1. How is immutability useful in this case?

“The immutability was useful in this case because if we will imagine or encounter this in real life, we cannot edit the items or changed it because it is a time capsule. You can’t literally go back in time to replace the items there.”