**Activity 2 | List**

**Activity 1: Memory Mix-Up – A List Logic Puzzle**

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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. * Follow the steps exactly and keep track of each change. * After completing the activity, save and upload your file back to the shared folder. * Follow the correct filename format:  [LastName]\_[ActivityName] (e.g., Reyes\_ListSimulation.docx) * Double-check your work and filename before submitting.   **Time Limit:** 20 minutes |

**Objective:**

Simulate list behavior by reconstructing a list based on a sequence of operations. This tests order, mutability, and logic flow.

**Scenario:**

You’re helping a friend organize their scrambled task list. Follow the **change log** and reconstruct the final list.

**Change Log:**

**Start with:**

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| --- |
| Python task\_list ["wake up", "brush teeth", "eat breakfast"] |

**Steps:**

1. Replace the second item with "take a shower"
2. Add "exercise" to the end
3. Remove "wake up"
4. Insert "journal" at the beginning
5. Add "check messages" to the end

**Final List**

**1. “journal”**

**2. “take a shower”**

**3. “eat breakfast”**

**4. “exercise”**

**5. “check messages”**

**Reflection Questions**

1. What operations did you perform in this task?

“The operations the I had performed in this task are;

.insert(), .remove(), .append(), and indexing

1. Could you perform the same steps if this were a tuple? Why or why not?

“No, you cannot perform the same steps in tuple, because tuple is immutable which means it cannot be modified.”