Taks: Cleaning a Room or Decluttering

Steps:

1. Assess the Room: Observe and valuate the current state of the room to determine the level of cleaning or decluttering required.

2. Gather Cleaning Supplies: Collect all necessary cleaning equipment (e.g., broom, vacuum, mop, cleaning solutions, trash bags).

3. Sort Items: Separate items into categories: keep, to dispose, donate, or relocate.

4. Clean Surfaces: Dust, wipe, and clean all surfaces in the room.

5. Organize and Store Items: Put the items you’re keeping back in an organized manner.

6. Dispose of Unwanted Items: Throw away trash, set aside donations, and relocate items that don't belong in the room.

7. Final Check and Touch-ups: Ensure everything is clean and organized, making any necessary final adjustments.

Pseudo-code

START

  // Step 1: Assess the Room

  EVALUATE room\_state

  IF room\_state == "extremely cluttered" THEN

      PRIORITIZE decluttering BEFORE cleaning

  ELSE

      CONTINUE with general cleaning

  IF room\_state\_assessed THEN

      CONTINUE to Step 2

  ELSE

      DISPLAY "Error: Unable to assess room!"

      TERMINATE

  // Step 2: Gather Cleaning Supplies

  COLLECT broom, mop, cleaning\_solutions, trash\_bags, storage\_containers

  IF supplies\_collected THEN

      CONTINUE to Step 3

  ELSE

      DISPLAY "Error: Missing cleaning supplies!"

      TERMINATE

  // Step 3: Sort Items

  FOR EACH item IN room DO

      IF item\_belongs IN "keep" THEN

          PLACE in "keep" pile

      ELSE IF item\_belongs IN "discard" THEN

          PLACE in "discard" pile

      ELSE IF item\_belongs IN "donate" THEN

          PLACE in "donate" pile

      ELSE IF item\_belongs IN "relocate" THEN

          PLACE in "relocate" pile

  IF all\_items\_sorted THEN

      CONTINUE to Step 4

  ELSE

      DISPLAY "Error: Unable to sort all items!"

      TERMINATE

  // Step 4: Clean Surfaces

  FOR EACH surface IN room DO

      DUST surface

      WIPE with cleaning\_solution

  IF surfaces\_cleaned THEN

      CONTINUE to Step 5

  ELSE

      DISPLAY "Error: Surfaces not cleaned properly!"

      TERMINATE

  // Step 5: Organize and Store Items

  FOR EACH item IN "keep" pile DO

      PLACE item IN designated storage\_area

  IF all\_items\_stored THEN

      CONTINUE to Step 6

  ELSE

      DISPLAY "Error: Unable to organize all items!"

      TERMINATE

  // Step 6: Dispose of Unwanted Items

  THROW AWAY items IN "discard" pile

  PREPARE "donate" items FOR donation

  MOVE "relocate" items TO appropriate rooms

  IF unwanted\_items\_disposed THEN

      CONTINUE to Step 7

  ELSE

      DISPLAY "Error: Unable to dispose of unwanted items!"

      TERMINATE

  // Step 7: Final Check and Touch-ups

  INSPECT room FOR any missed spots OR items

  MAKE final adjustments AS needed

  IF room\_clean AND organized THEN

      DISPLAY "Room cleaning complete!"

  ELSE

      DISPLAY "Error: Final check failed, touch-ups needed!"

      TERMINATE

END