

Task1: Arrange red, green, and blue blocks

Task Stage

Find green block and grasp it

Find red block, and place green block to its right

Find blue block and grasp it

Find green block, place blue block to its right

1 Anchor green block

2 Grasp green block

3 Find red block

4 Anchor red block

5 Place green block

6 Anchor blue block

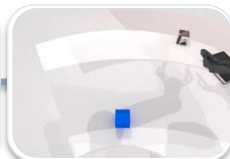
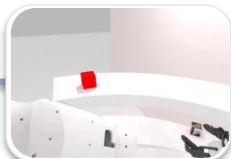
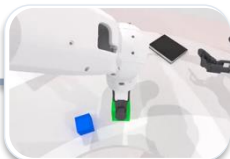
7 Grasp blue block

8 Anchor green block

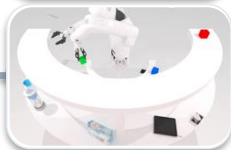
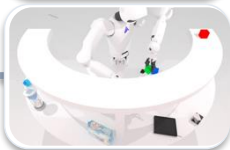
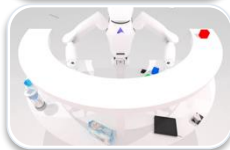
9 Place blue block

10 Finished

Ego View



Third-person View



Task2: Count cans, then press the matching button

Place expired Coca Cola in the red area; otherwise, place it in the blue area.
Today: 2025-04-29. Shelf life: 1 year.

Task Stage

Scan the scene and count cans

Press the matching number button

Find and pick up the cola can

Read the production date

Decide valid and place cola can

1 Scan center

2 Scan left

3 Scan right

4 Select button 1

5 Finished

1 Anchor cola can

2 Pick cola can

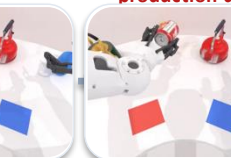
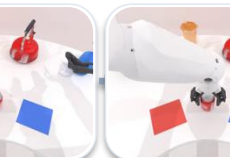
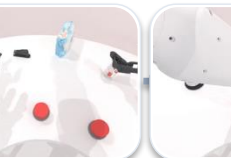
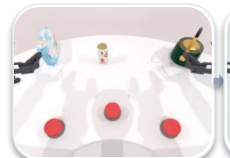
3 Check production date

4 Production date is 2024-05-30

5 Choose valid area

6 Finished

Ego View



Third-person View



Overall Execution Pipeline

Observe

Ground in current view / memory

Decide: search / rotate / act

Execute & update memory

Observe