

# FETCH ORGANIZE



## GOAL

Identify objects, grasp them, and place them in the container based off of their color.



## WORD BANK

Environment (env)

Fetch Organize Env

Box to Ball Threshold

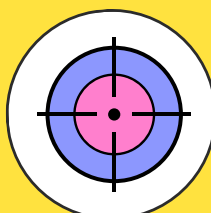
Close Grip Action

Open Grip Action

Ascend Action

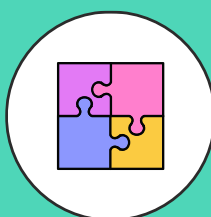
Descend Action

Target Color



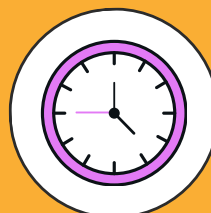
## STEPS

1. Initialize key parameters
2. Open the gripper
3. Move horizontally to align with the object



## RELEVANT

4. Move vertically to align with the object & close the gripper to grab it
5. Detect object color



## TIMELY

7. If objects color matches target color, move object to container, otherwise drop & repeat