

FlappyBird

Level 2

Reasoning: The bird needs to ascend to align with the gap between the pipes. The current vertical position of the bird is significantly lower than the gap. Therefore, the UP action is necessary to raise the bird to a suitable height for passing

through the gap. Action: UP

GPT40

to the trophy. **Action: FORWARD**

Owen2VL 72B

Action: RIGHT

InternVL2.5-78B Observation: The bird is currently positioned below the upper pipe and above the lower pipe, which means it is aligned

well enough with the gap between the pipes. There is sufficient space for the bird to pass through without needing an adjustment.

Action: KEEP

vertical level lower than the gap.

objects in the current frame.

Gemini-2.0-flash-exp Observation: The bird is positioned in the lower half of the screen, slightly below the midpoint vertically. The gap between

right and then move forward.

Observation: The trophy is located to the right of the car. There are no visible obstacles between the car and the trophy.

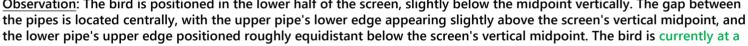
Observation: The car is facing right, and the trophy is located slightly to the right and ahead of the car. There are no obstacles between the car and the trophy. The car is tilted in the direction of movement but is not obstructed by any

Reasoning: The car is facing the right, and there are no obstacles blocking the way. Moving forward will bring the car closer

Reasoning: The car is currently facing upwards, and the trophy is to the right. To reach the trophy, the car needs to turn

Incomplete perception









Reasoning: Since the bird is already correctly positioned within the gap between the pipes, taking an action like UP or DOWN would unnecessarily risk moving out of alignment with the gap. Therefore, the best course of action is to maintain its current position until it successfully passes through the gap. Perception error