Query Instruction

Move a heated slice of apple to the white table with shelving below

In-context learning with language model

Put a rinsed slice of apple on the table = slice apple, clean it, put in …
Put a plate with a watch on it on the table = pick up watch, put in plate, ..
…

Candidate hypotheses

1) slice apple, heat in microwave, put in side table.
2) slice apple, heat in microwave, put in shelf.
3) slice apple, heat in microwave, put in dining table.
…

Re-rank based on interaction with environment


turn left

pickup knife
…

put shelf
success/failure feedback

Re-ranked hypotheses

1) slice apple, heat in microwave, put in dining table.
2) slice apple, heat in microwave, put in side table.
3) slice apple, heat in microwave, put in shelf.
…