

# [EPM] Episodic Memory

**Clue Time: 5:22**

Question: Where was the kitchen paper towel before I picked it?

- Options: A. top of the kitchen sink; B. under the sink;  
C. on the counter; D. on the stove



**Clue Time: 3:44**

Question: What did I pick from the fridge?

- Options: A. bread; B. milk; C. vegetable; D. water



**Clue Time: 5:25**

Question: How many rolls of paper towel did I cut?

- Options: A. two; B. one; C. three; D. four

**Clue Time: 6:36**

Question: Did I leave the drawer open?

- Options: A. yes; B. no

Query At  
the End

QA-Ego4D

**Clue Time: 1:59**

Question: Where was the paper towel before I picked it?

- Options: A. on the counter; B. on the cupboard;  
C. on the table; D. in the dish washer

**Clue Time: 3:05**

Question: What drawer did I pull?

- Options: A. dish washer; B. microwave;  
C. cupboard; D. fridge



**Clue Time: 4:09**

Question: What did I pour in the container?

- Options: A. flour; B. bread crumbs; C. salt; D. pepper

**Clue Time: 3:13**

Question: Where was the plate before I picked it?

- Options: A. on the counter; B. on the cupboard  
C. on the table; D. in the dish washer

Query At  
the End

Open-EQQA

**Clue Time: 0:43**

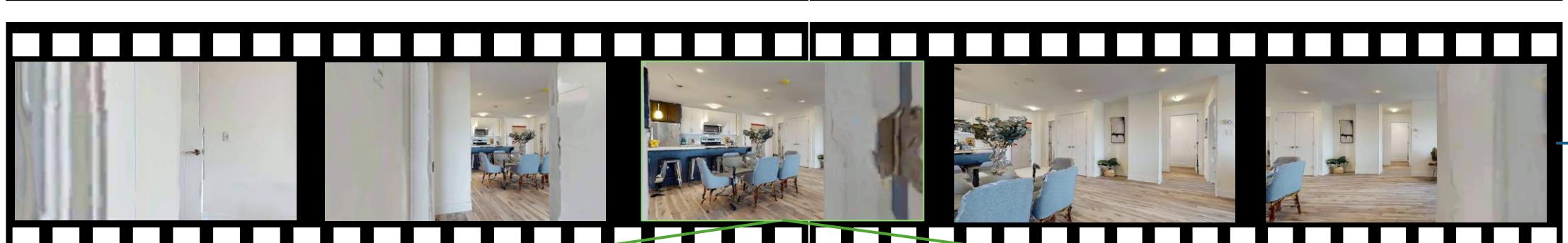
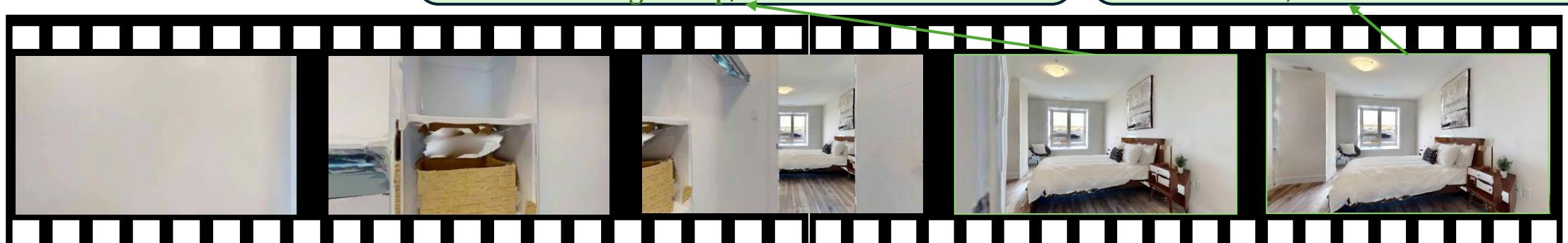
Question: What is the gold object on the nightstand?

- Options: A. A painting; B. A mirror;  
C. A nightlamp; D. A vase

**Clue Time: 0:50**

Question: Is this home on the first floor?

- Options: A. Yes, it's on the first floor;  
B. No, it's on the second floor;



**Clue Time: 1:10**

Question: Where can I sit and eat if I don't want to use the dining table?

- Options: A. Use the kitchen bar counter; B. Use the floor in the hallway;  
C. Use the bed in the bedroom; D. Use the couch in the living room

**Clue Time: 1:10**

Question: What color is the smoke detector?

- Options: A. White; B. Yellow or off-white;  
C. Black; D. Blue

Query At  
the End

# [HLD] Hallucination Detection

Query Time: 6:11

Question: what did I put in the black dustbin?

- Options: A. empty water bottles; B. **Unable to answer**; C. old newspapers; D. food scraps

Query Time: 6:44

Question: Where did I put the vacuum cleaner head?

- Options: A. closet; B. **Unable to answer**; C. bathroom; D. kitchen

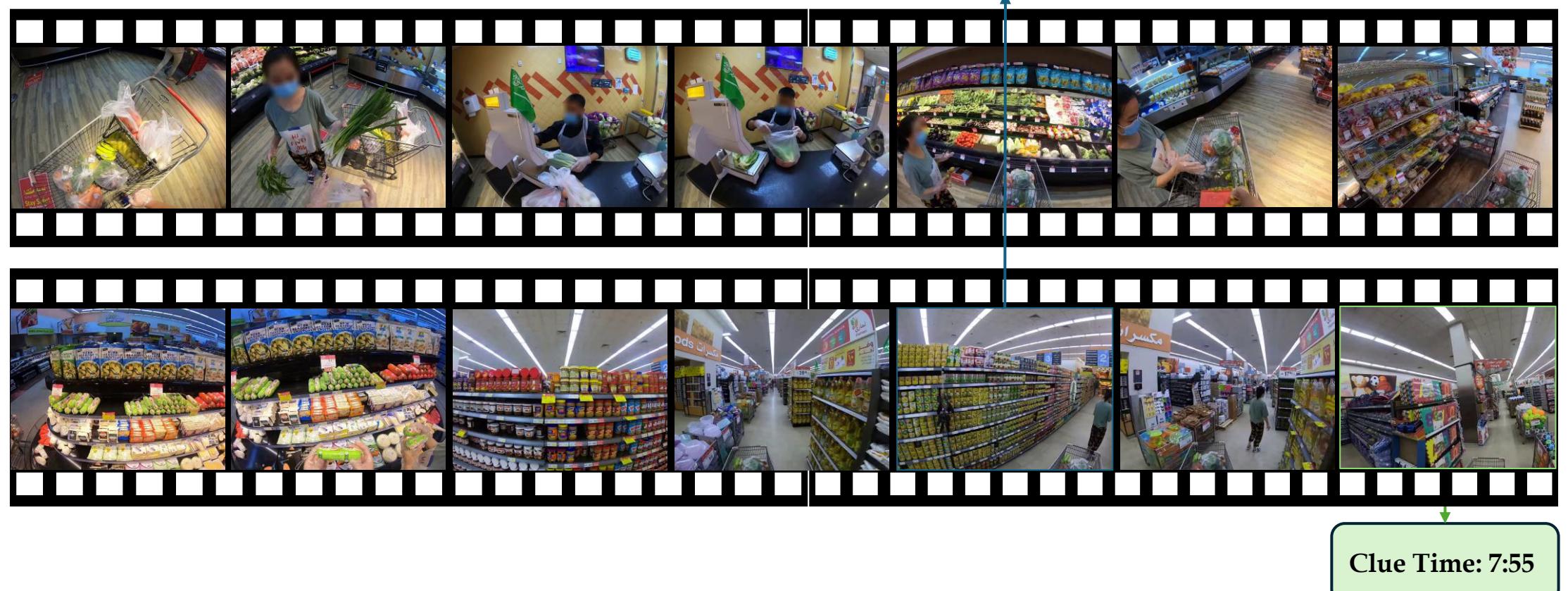
QA-Ego4D



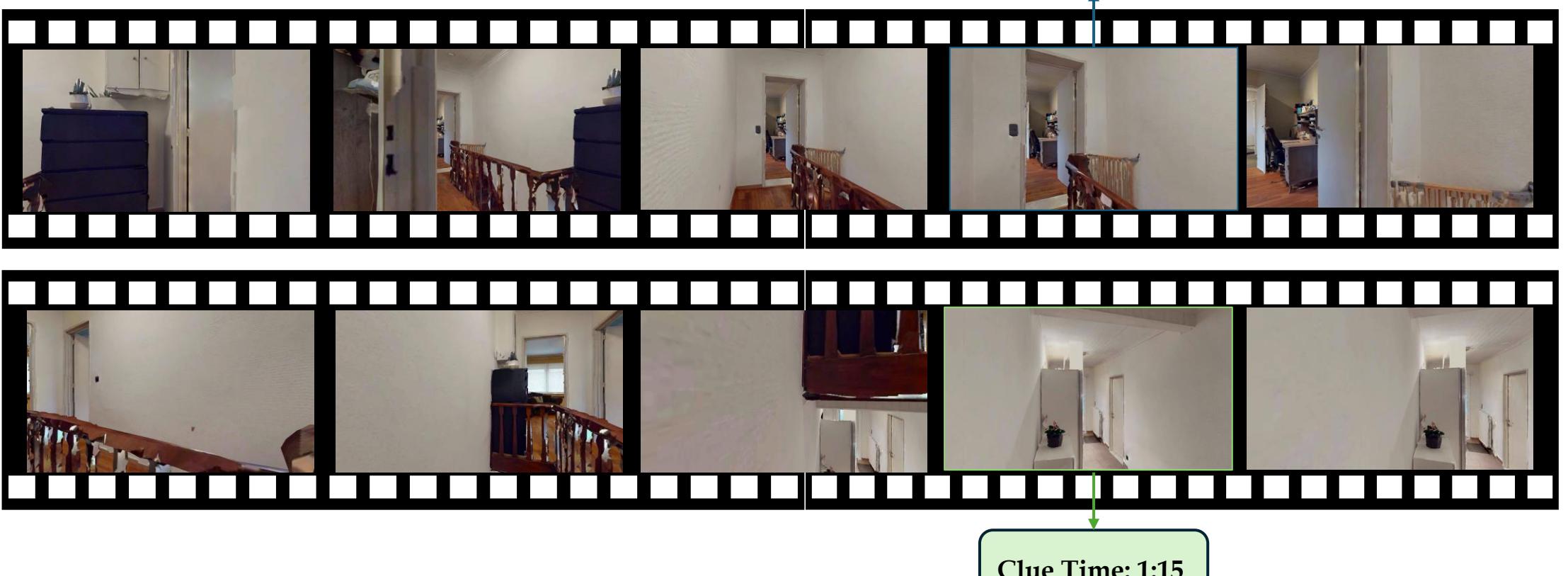
Query Time: 6:48

Question: Where were game boards?

- Options: A. **Unable to answer**; B. in the shelves; C. in the fridge; D. in the bags



Open-EQQA



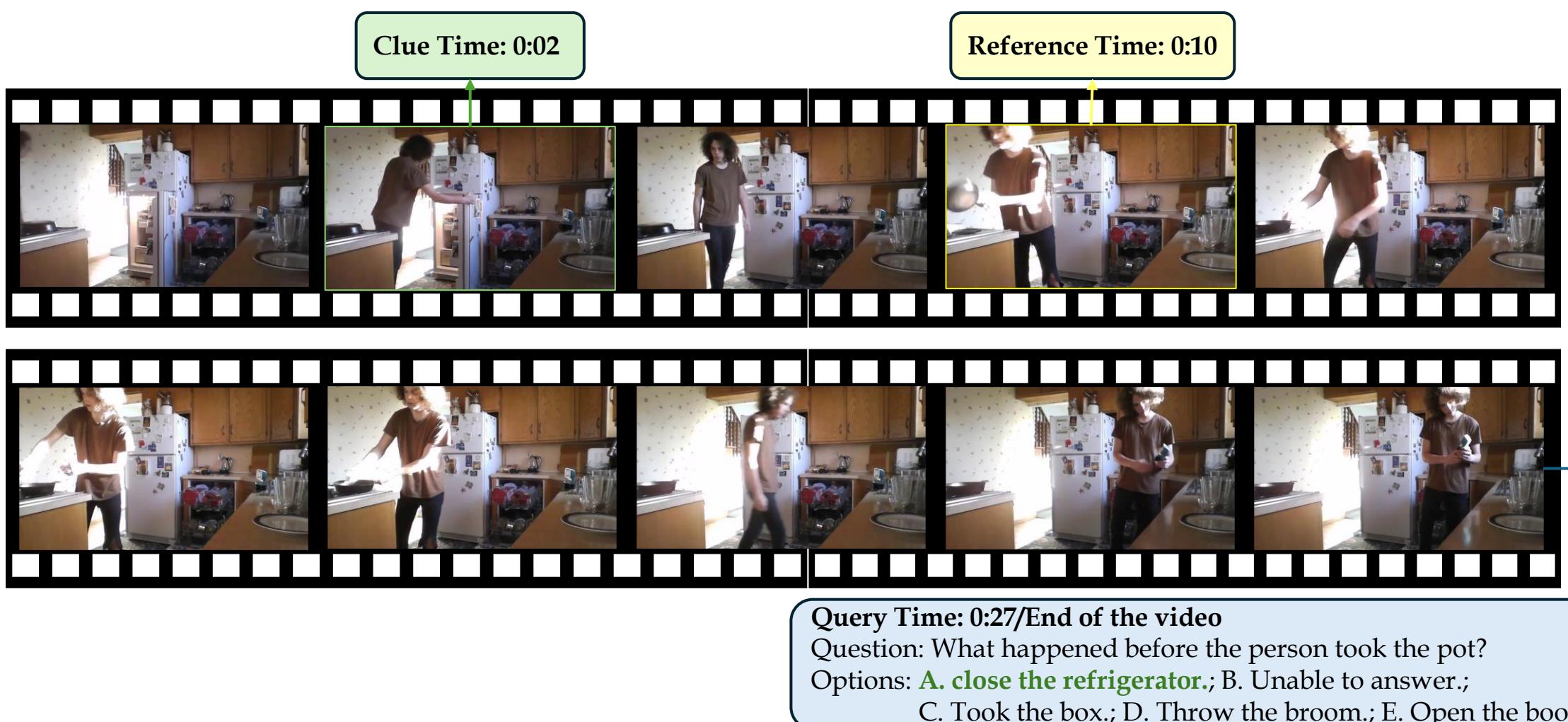
Query Time: 0:35

Question: what color is the flower in the bottom floor?

- Options: A. Red; B. **Unable to answer**; C. Blue; D. White

# [ASI] Action Sequential Identification

STAR

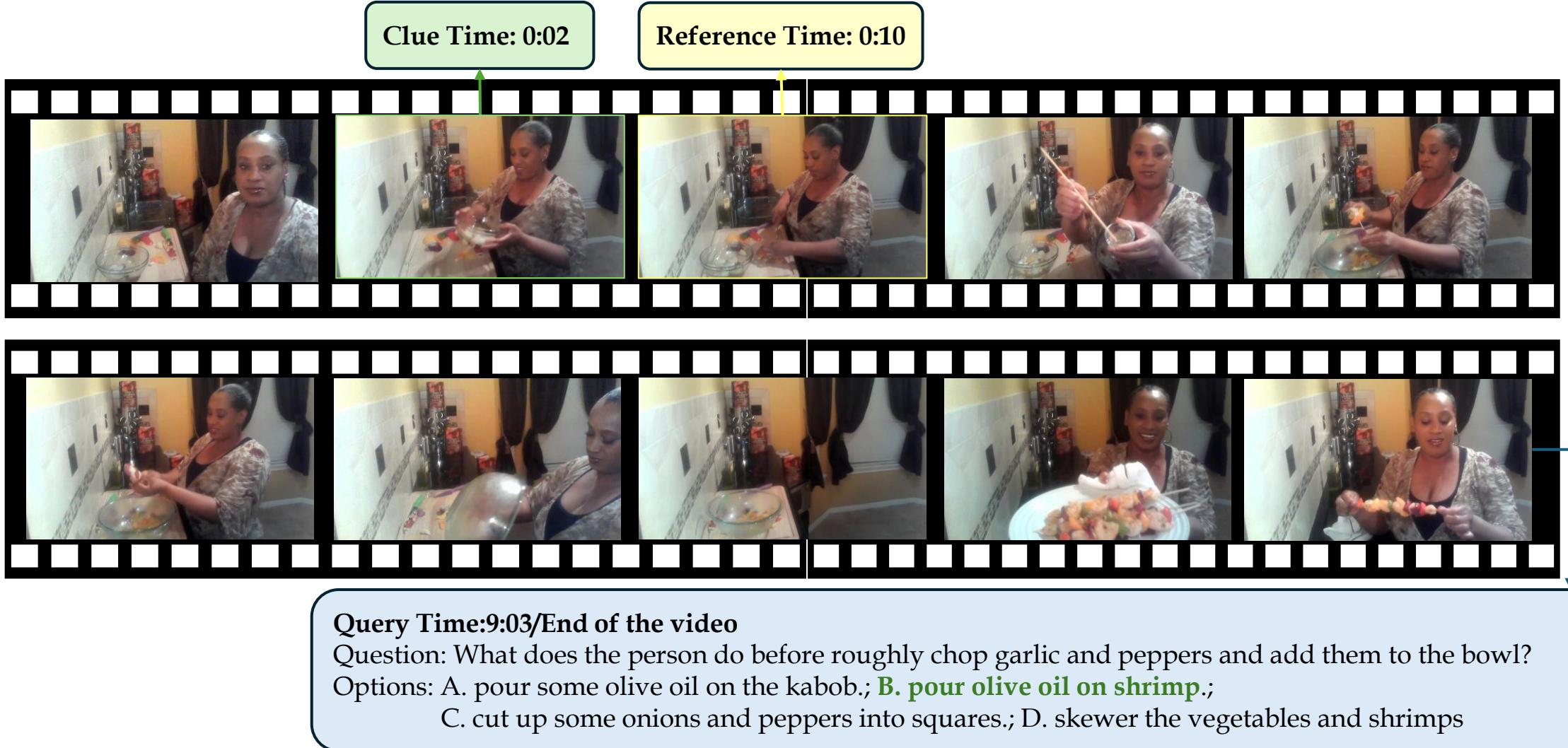


Reference Time: 0:10

Clue Time: 0:02

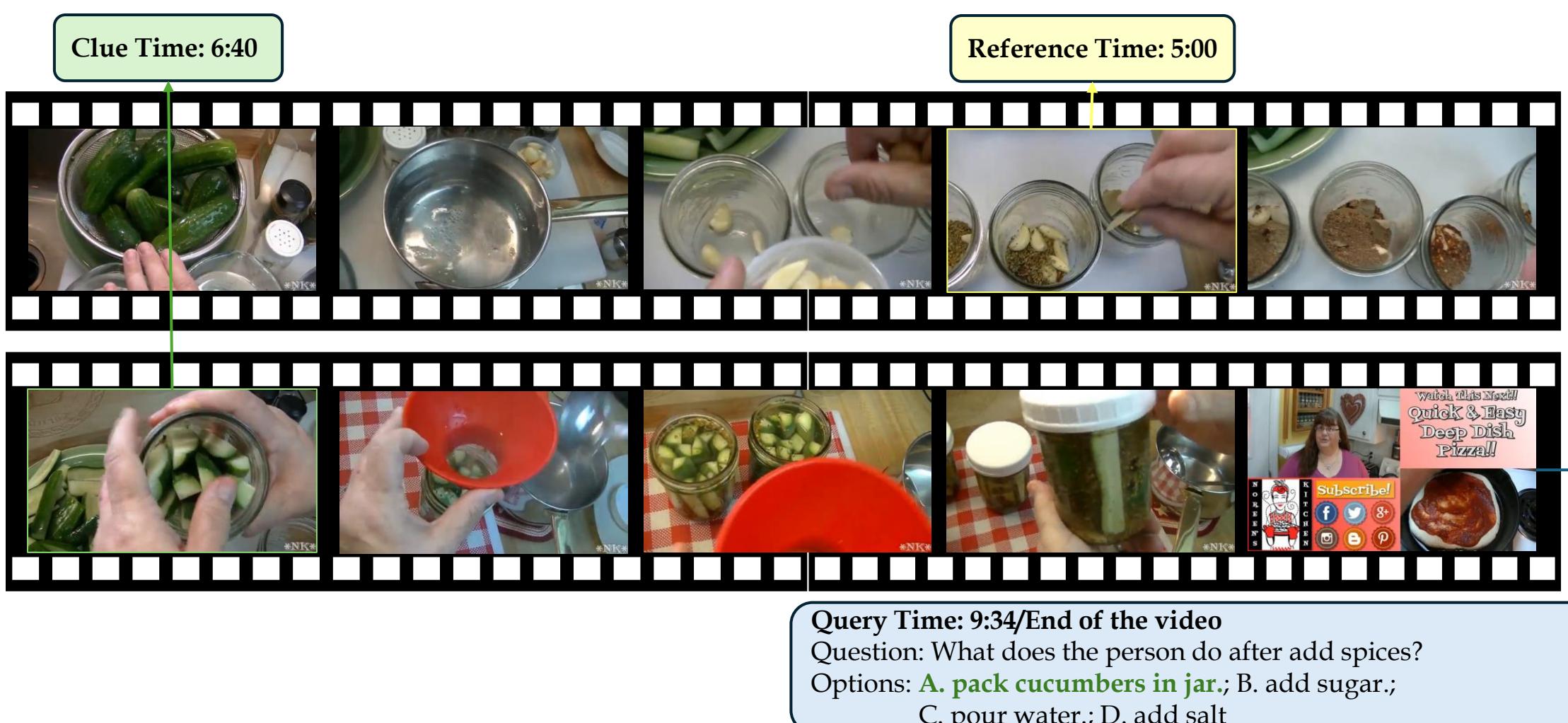


YouCook2

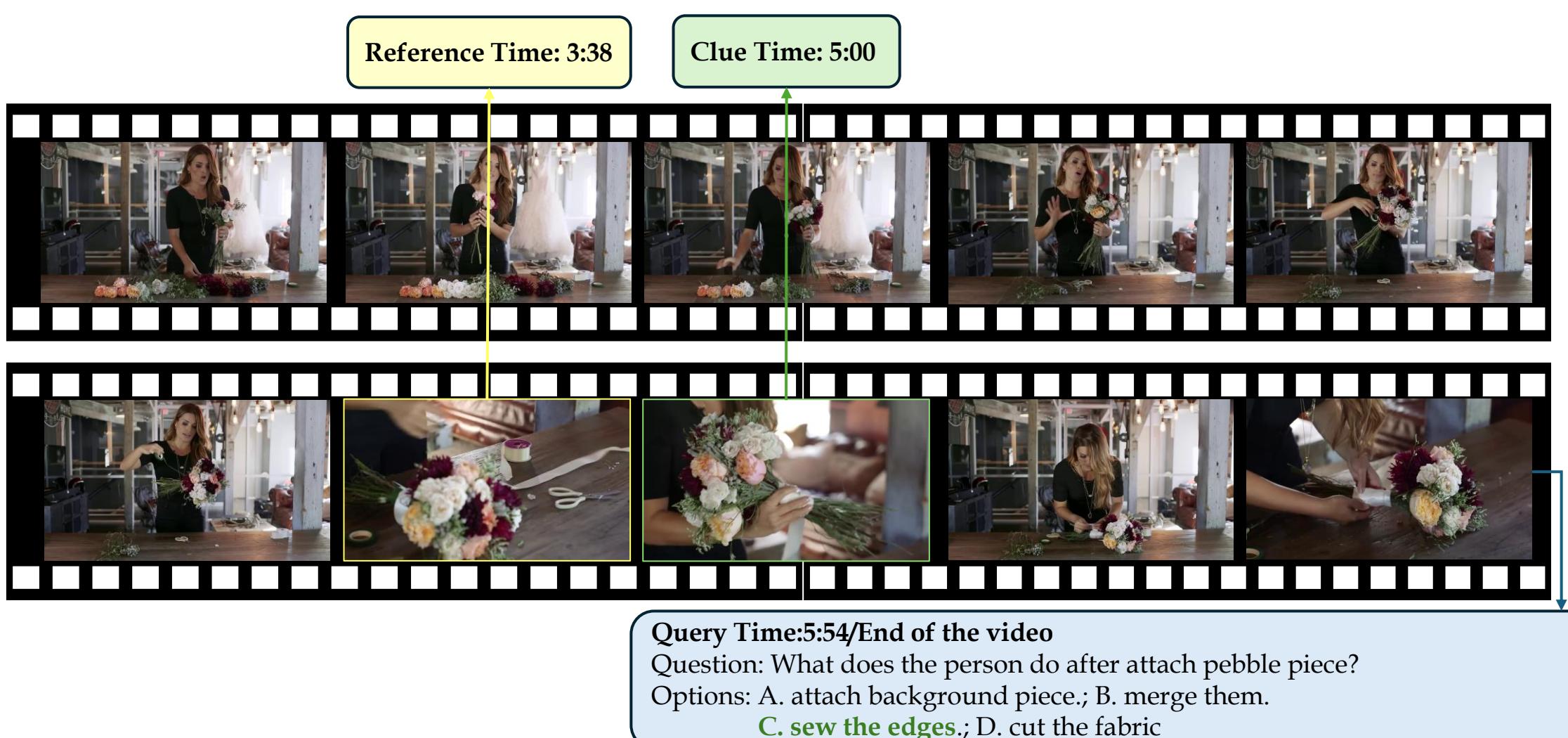


# [ASI] Action Sequential Identification

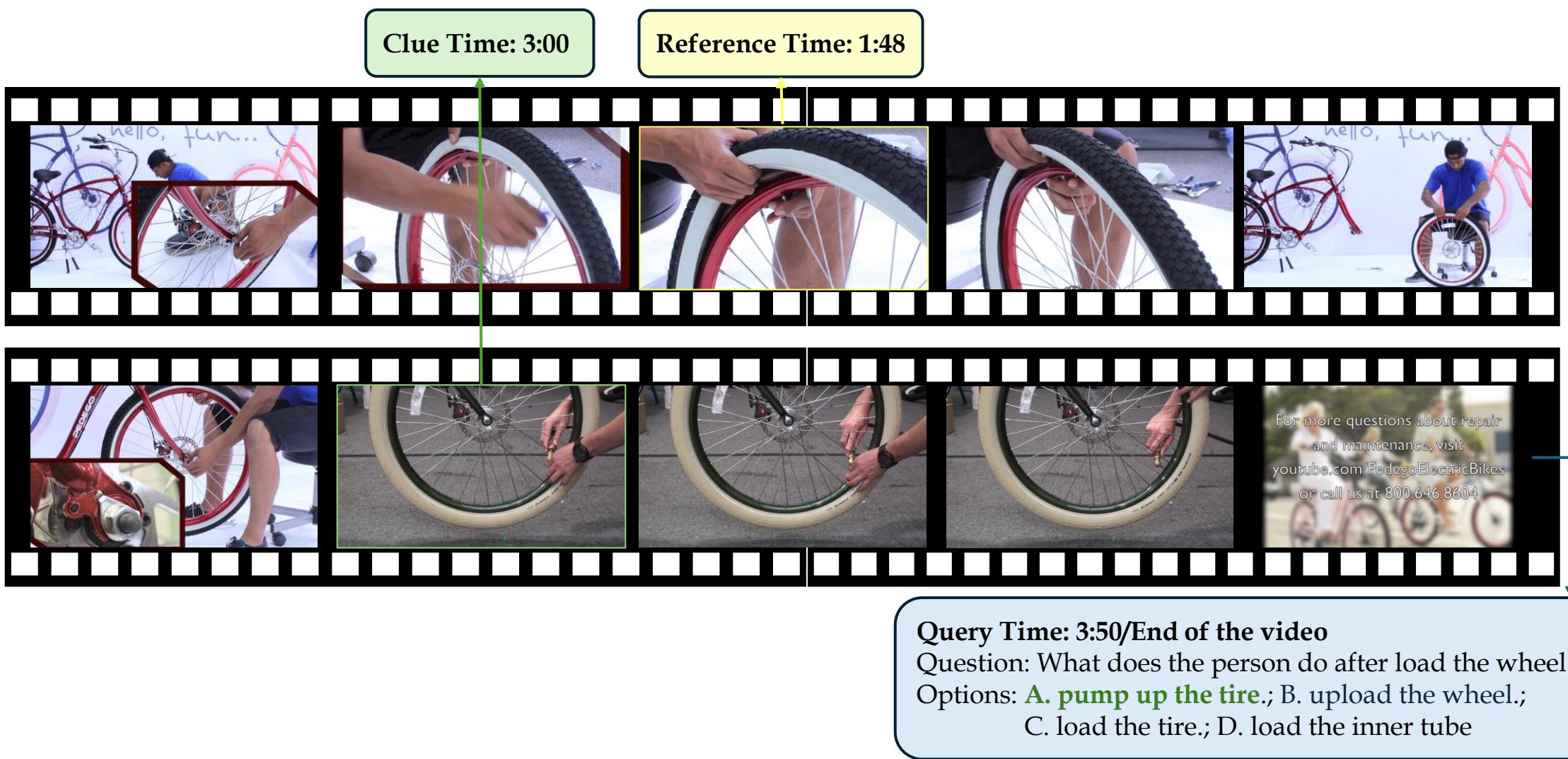
CrossTask



HiREST



COIN



# [STU] Spatial Understanding

Query Time/Clue Time: 1:27

Question: What is the relative position of the person to the car ?

Options: A. The person is standing at the front of the car.;

B. The person is on the co-pilot side of the car.;

**C. The person is standing beside the driver's side of the car ;**

D. The person is behind the trunk of the car.

Ego4D



Query Time/Clue Time: 1:47

Question: Which container is located closer to the top left corner of the table?

Options: A. The blue container;

**B. The white container;**

C. The red container;

D. The green container.

YouTube



Query Time/Clue Time: 0:12

Question: Which road did I take?

Options: **A. The road on the right;**

B. The road on the left;

C. Unable to answer.

YouTube-Human Annotated



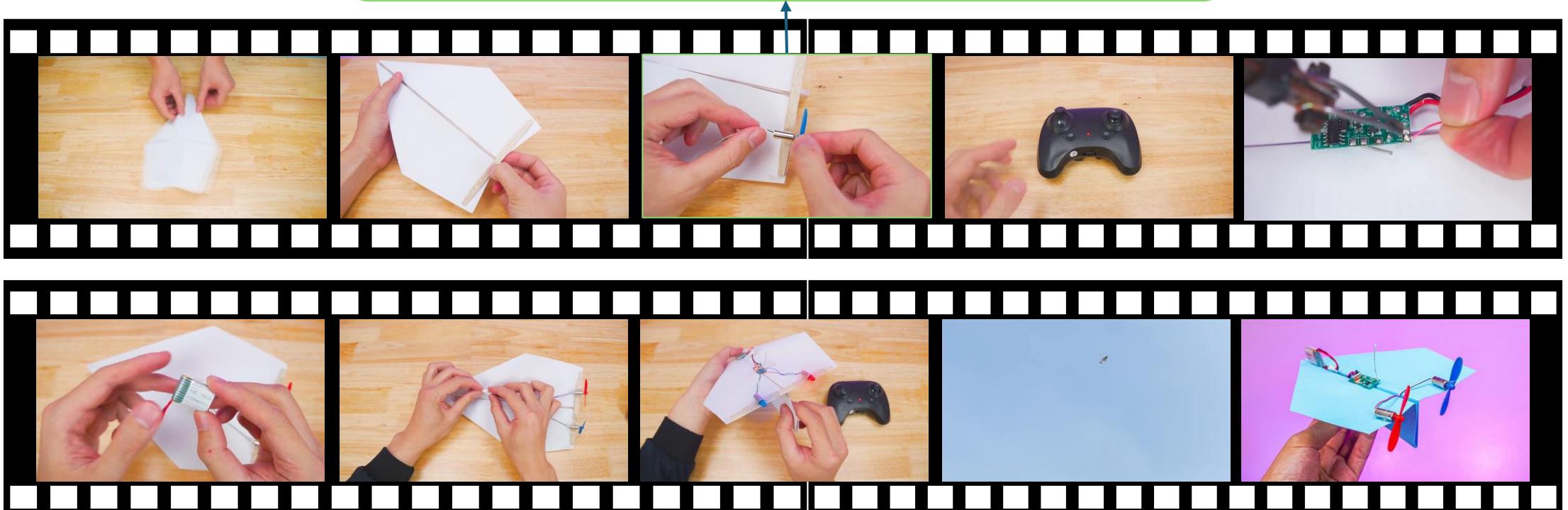
# [OJR] Object Recognition

Ego4D

Query Time/Clue Time: 2:08

Question: What object is being used to construct the paper aircraft wing?

- Options: A. A plastic frame.;  
B. A wooden stick.;;  
C. A paper sheet;  
D. A metal rod.

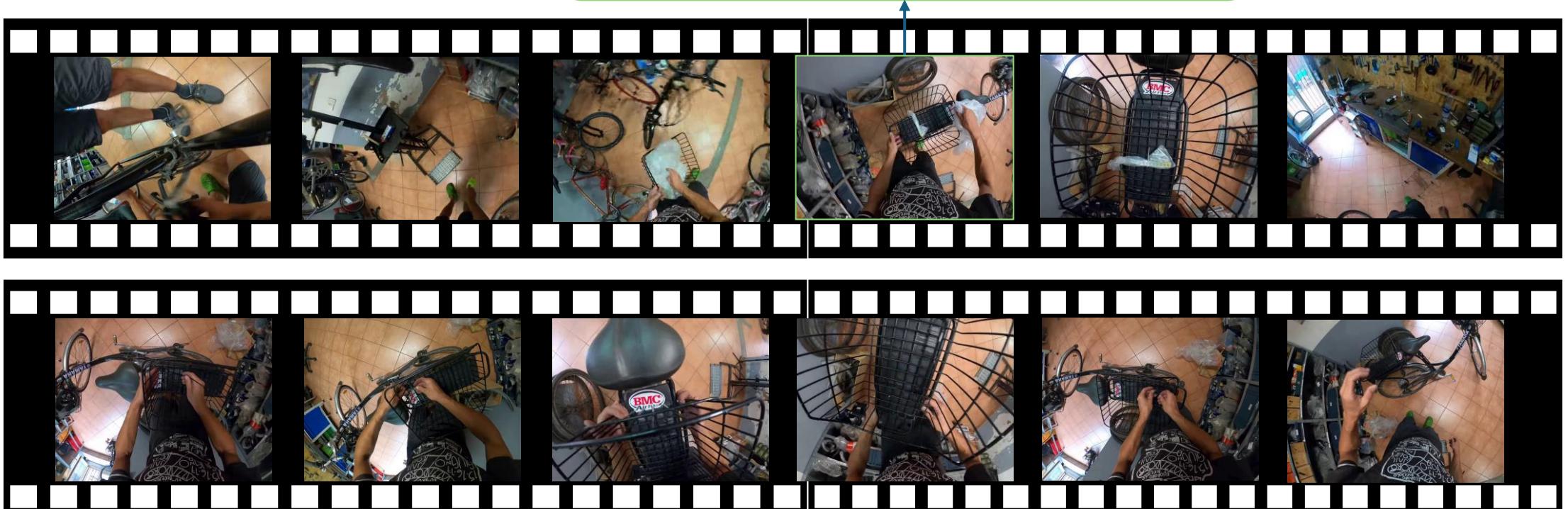


YouTube

Query Time/Clue Time: 1:27

Question: What object is being attached to the back of it?

- Options: A. A bag.;  
B. A saddlebag.;;  
C. A basket;;  
D. A pannier.



YouTube-Human Annotated



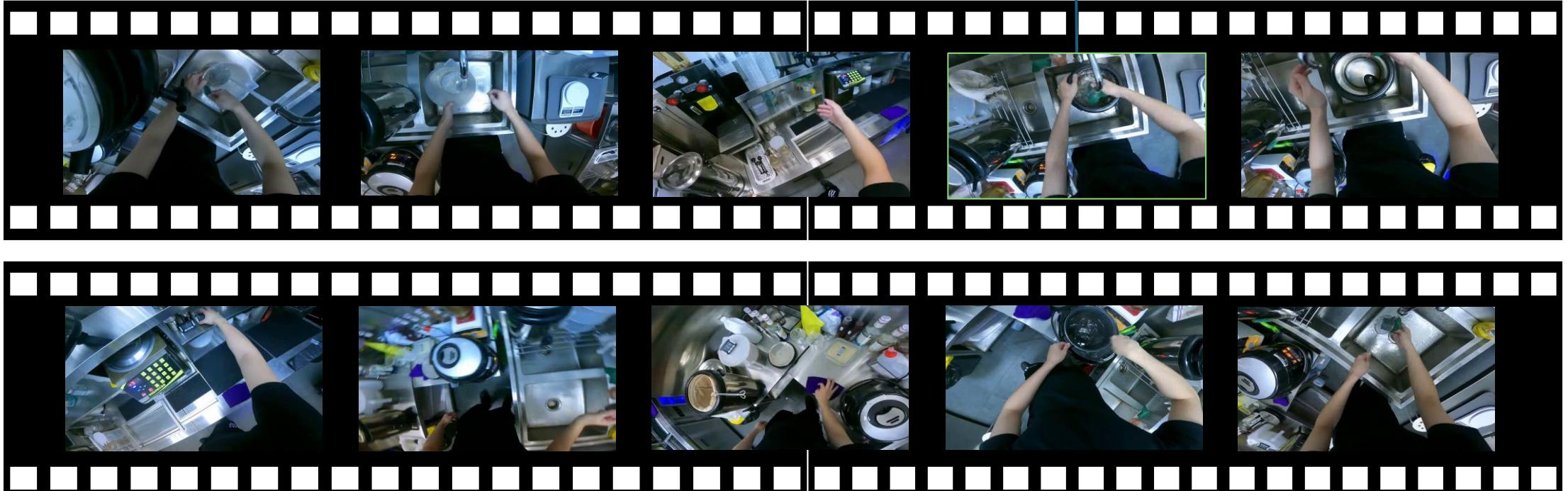
Query Time/Clue Time: 4:28

Question: What weapon do I have in my hand?

- Options: A. Bow; B. Sword;  
C. Unable to answer.  
D. Axe. E. Spear

# [ATR] Attribute Recognition

Ego4D



Query Time/Clue Time: 1:33

Question: What is the material of the object being cleaned?

- Options: A. Plastic;  
B. Metal;  
C. Wood ;  
D. Glass.

YouTube



Query Time/Clue Time: 1:47

Question: What is notable about the man's tie ?

- Options: A. The man's tie is yellow and textured.;  
B. The man's tie has a geometric pattern.;  
C. The man's tie is purple and striped;  
D. The man's tie features cartoon characters.

YouTube-Human Annotated



Query Time/Clue Time: 9:20

Question: What is the color of the monsters' clothes?

- Options: A. Red; B. Blue;  
C. Yellow. D. Green

# [ACR] Action Recognition

Ego4D



**Query Time/Clue Time: 4:18**

Question: What action is he performing with the blue checkered cloth?

- Options:
- A. He is wiping the tabletop with the cloth.;
  - B. He is folding the cloth.;**
  - C. He is covering a basket with the cloth;
  - D. He is tying the cloth around his neck.

**Query Time/Clue Time: 1:03**

Question: What is he doing?

- Options:
- A. He is playing a musical instrument.;
  - B. He is taking off his clothes.;
  - C. He is taking a shower;
  - D. He is answering the phone.**



YouTube

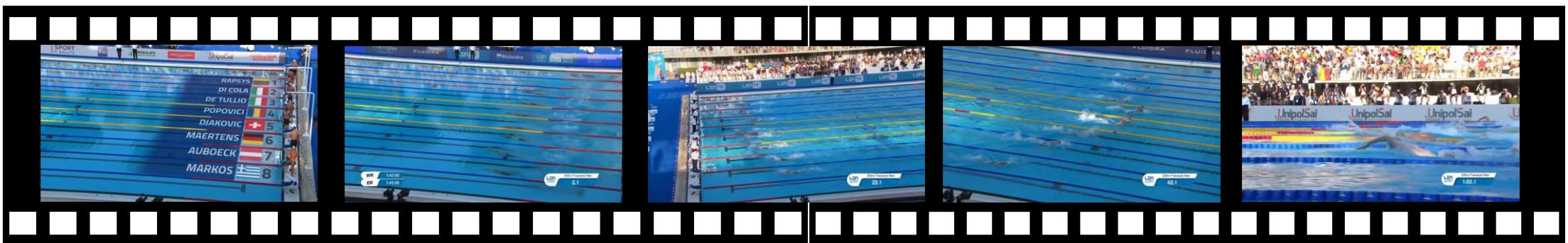
**Query Time/Clue Time: 2:37**

Question: What is she doing with the chicken in her hands?

- Options:
- A. She is placing the chicken into a pot of water.;
  - B. She is putting the chicken down.;**
  - C. She is holding the chicken while preparing to cook it.;
  - D. She is cutting the chicken into smaller pieces..



# [OCR] Optical Character Recognition



**Query Time/Clue Time: 2:16**

Question: What is the leading player's time at the 150m mark?

- Options: A. 1:16.96 B. 1:15.89;  
C. 1:14.32. D. 1.19.01

**Query Time/Clue Time: 0:23**

Question: What is the text on the package?

- Options: A. ANDOUILLE.;  
B. THICK CUT HAM.;  
C. THICK CUT PORK;  
D. THICK CUT BACON.

**Query Time/Clue Time: 1:35**

Question: What is the text on the package?

- Options: A. ANDOUILLE.;  
B. THICK CUT HAM.;  
C. THICK CUT PORK;  
**D. THICK CUT BACON.**

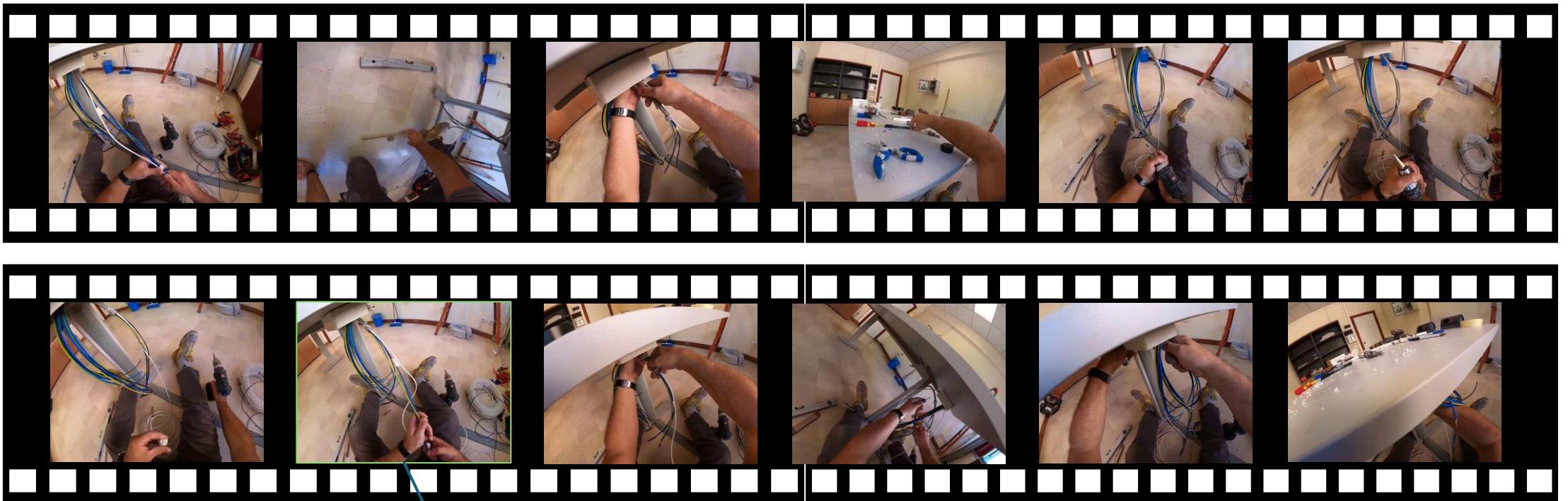


**Query Time/Clue Time: 10:12**

Question: What text is displayed now?

- Options: A. Milk Bucket.;  
B. Butter;  
**C. Peanut Butter Cup.;**  
D. Peppermint Swirl.

# [FPD] Future Prediction



Query Time/Clue Time: 1:45

Question: What is the person preparing to manipulate?

- Options:
- A. The person is about to handle or manipulate the wire;
  - B. The person is about to handle or manipulate the plastic tubing;
  - C. The person is about to handle or manipulate the circuit board;
  - D. The person is about to handle or manipulate the metal sheet

Query Time/Clue Time: 0:59

Question: What action is this person preparing to take ?

- Options:
- A. The person is about to turn on the faucet;
  - B. The person is preparing to start the car engine;
  - C. The person is about to open the refrigerator door;
  - D. The person is reaching for the light switch.



Query Time/Clue Time: 0:59

Question: What is this person about to do?

- Options:
- A. The person is about to press a button.;
  - B. The person is about to grab a book;
  - C. The person is about to open the drawer;
  - D. The person is about to adjust the lamp.



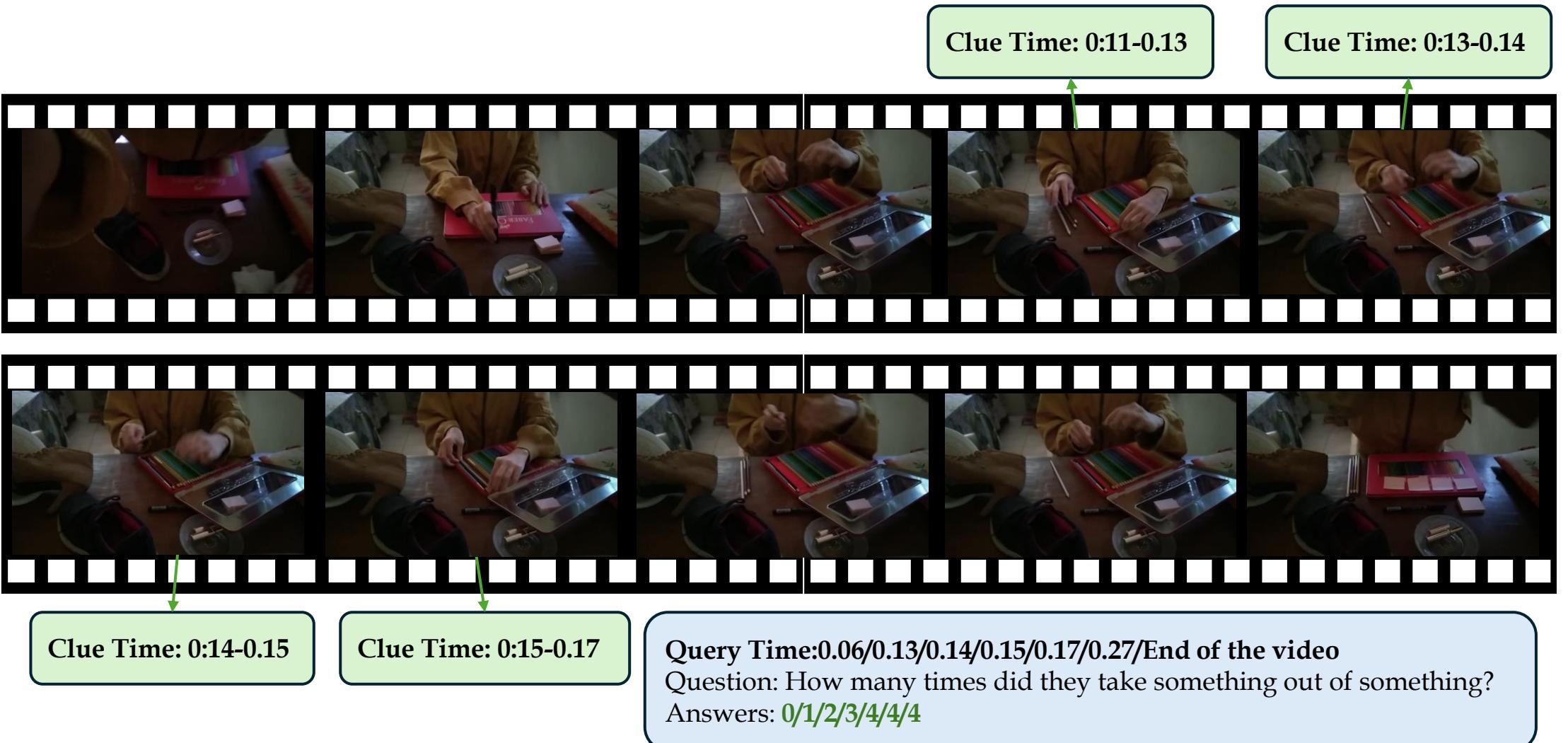
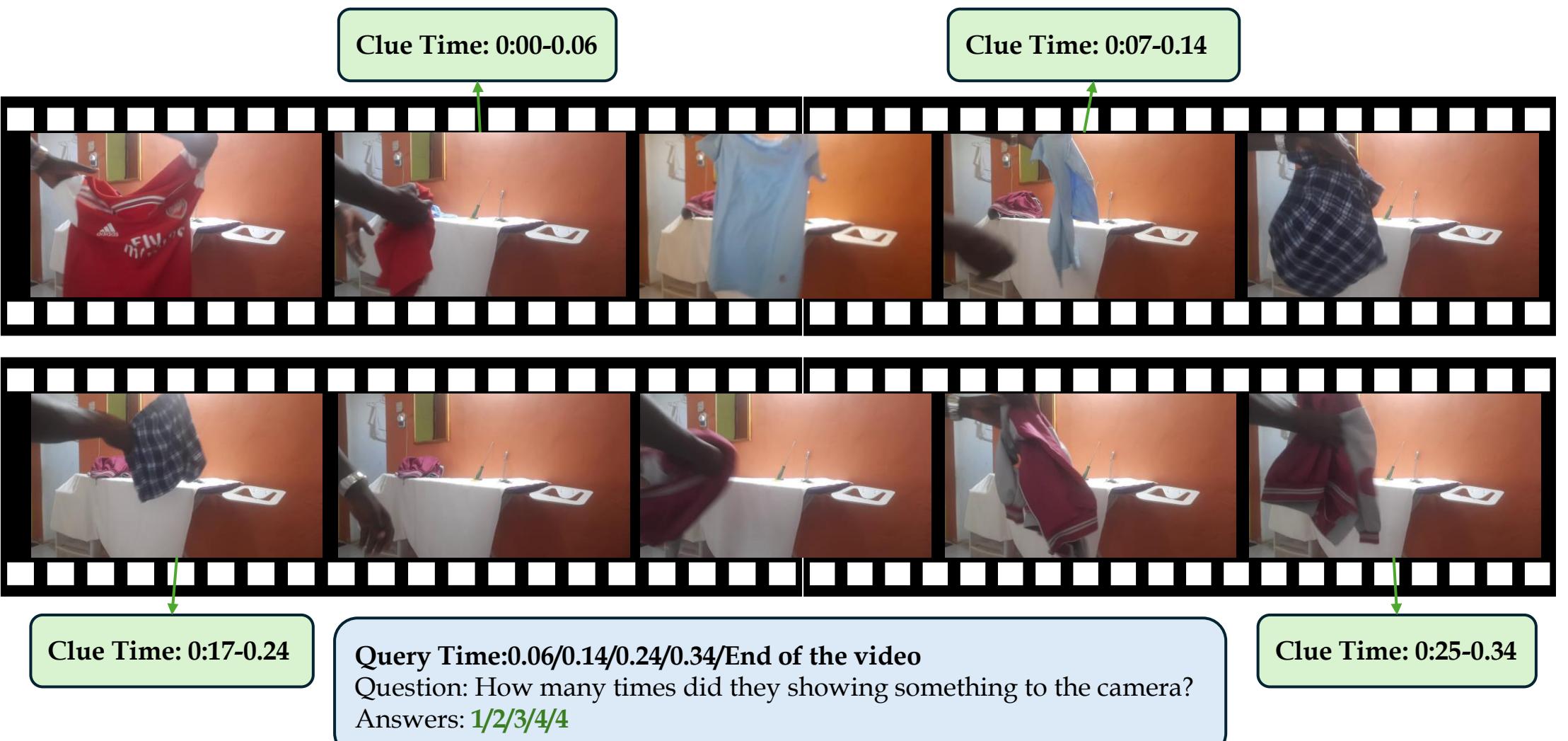
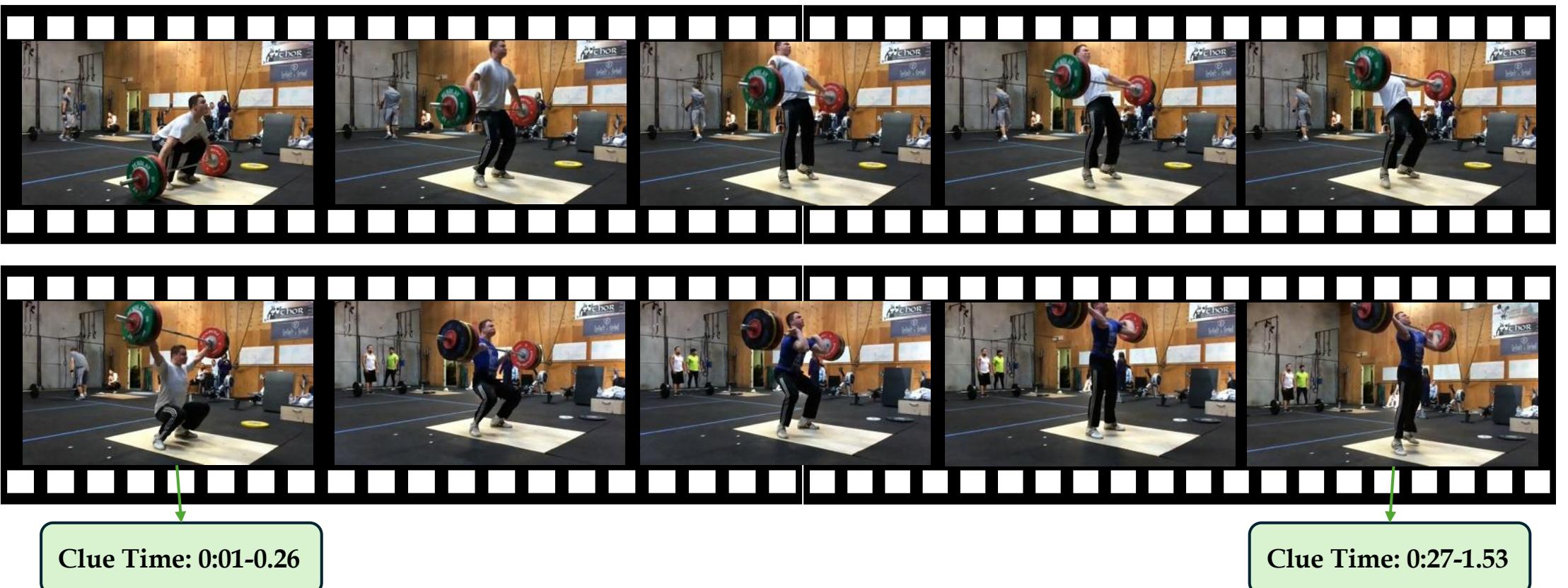
Ego4D

# [REC] Repetition Event Count

Query Time: 0.26/1.53/End of the video

Question: How many times did they clean and jerk?

Answers: 1/2/2



# [SSR] Sequential Steps Recognition

**Clue Time: 0:25-0:30**

Pull up the hair to reserve place for the hair extensions



**Clue Time: 0:31-0:49**

put on the hair extensions



**Query Time: Start Of the Video**

Question: Illustrate me on how to put on hair extensions according to the video

**Clue Time: 1:47-1:57**

Put down the hair and comb

COIN

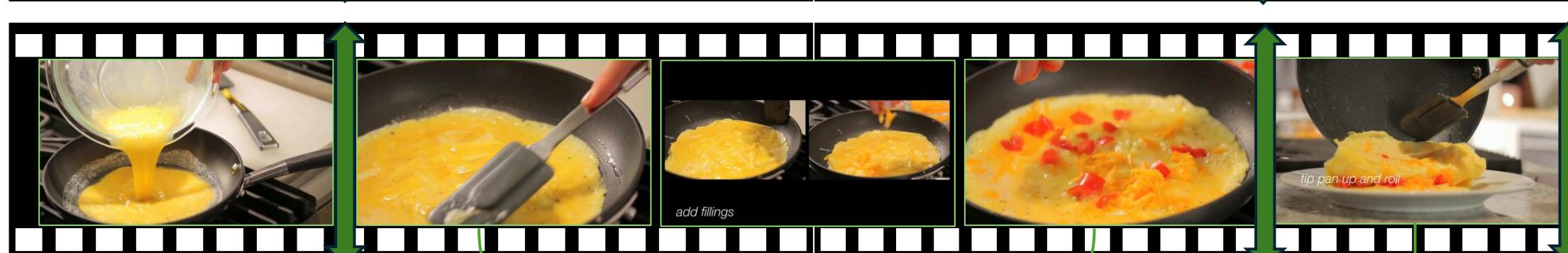
**Clue Time: 0:41-0:49**

Pour the egg into the bowl



**Clue Time: 1:07-1:11**

Pour the egg into the pot



**Query Time: Start Of the Video**

Question: Illustrate me on how to cook omelet according to the video

**Clue Time: 1:12-1:33**

Fry eggs

**Clue Time: 1:42-1:52**

Pour the egg onto the plate

**Clue Time: 0:44-1:07**

String the fruit together



**Clue Time: 1:41-1:46**

Melt the sugar



**Query Time: Start Of the Video**

Question: Illustrate me on how to make sugar coated haws according to the video

**Clue Time: 1:51-2:11**

Soak sugar gourd in sugar

# [CRR] Clues Reveal Responding

**Query Time: 2:25**

Question: Women came out of doors of different colors and went into the center door. What is the purpose of doing so?

**Clue Time: 3:25**

Answer: To listen to the older woman talking



**Query Time: 2:25**

Question: The man picked up several books from the ground. What does the man do with the books he picked up?

**Clue Time: 3:25**

Answer: He handed these books to the woman

**Query Time: 4:02**

Question: A policeman is driving the car away, what is his destination

**Clue Time: 5:15**

Answer: A residential house with a woman inside.



**Query Time: 10:19**

Question: The policeman is stepping into a wooden house, what does the police see?

**Clue Time: 10:26**

Answer: A black man sitting on a bench.

**Query Time: 3:23**

Question: The woman with the gray dress is stepping into the room, what does she do in the room?

**Clue Time: 3:27**

Answer: She talks to the man



**Query Time: 8:07**

Question: The couple are sitting on their trunks, who do they meet then

**Clue Time: 8:28**

Answer: A group of friends