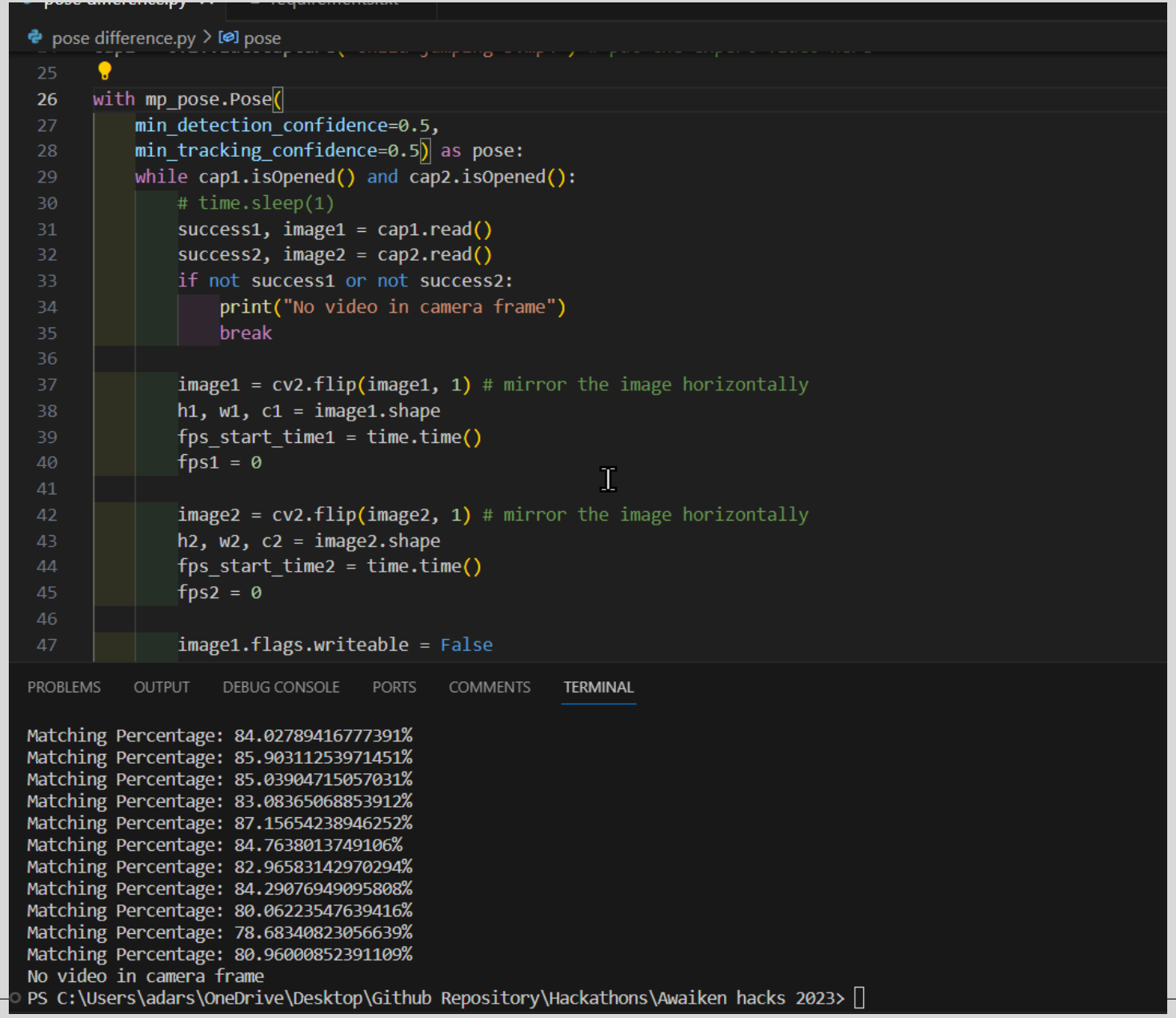
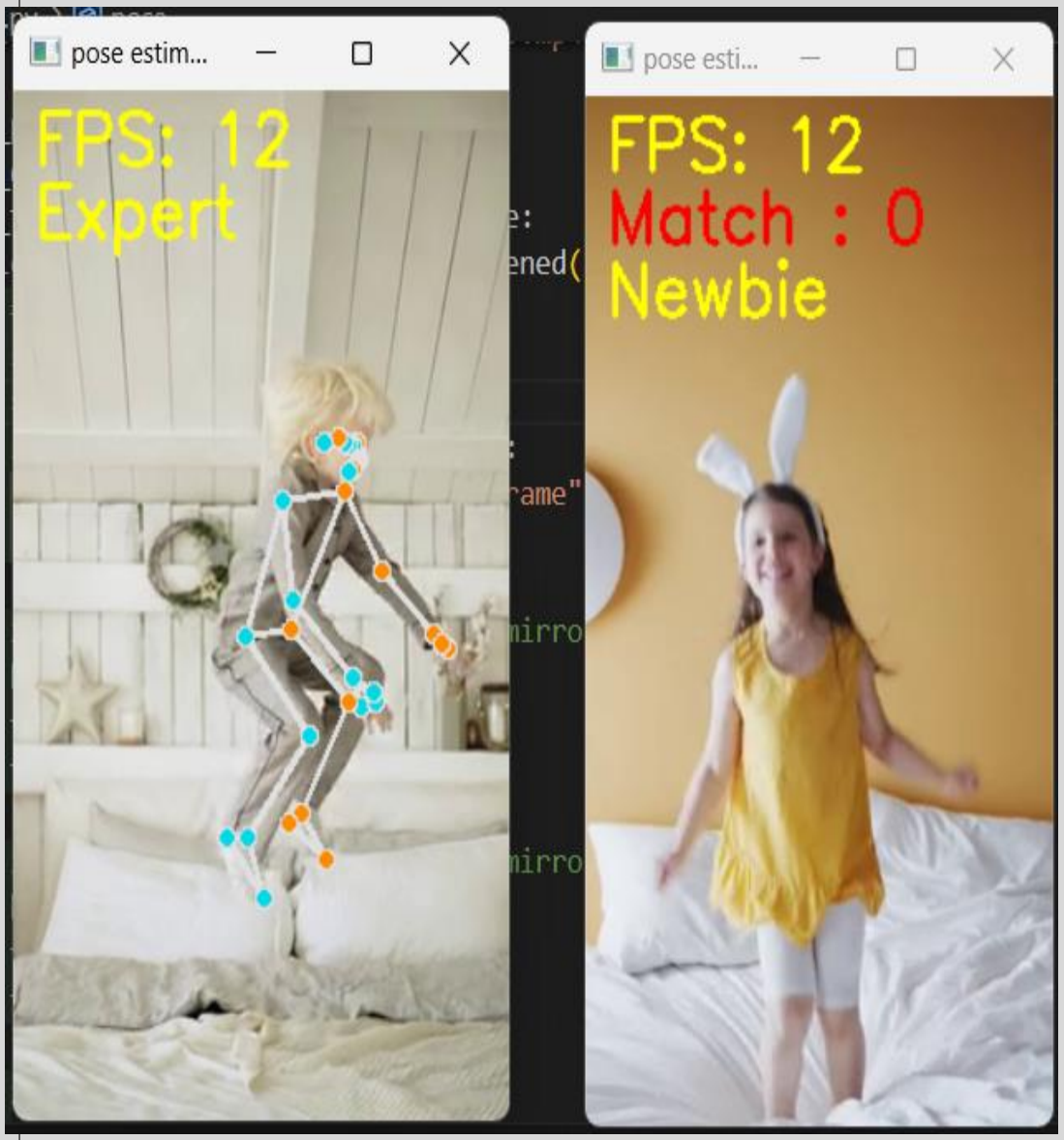
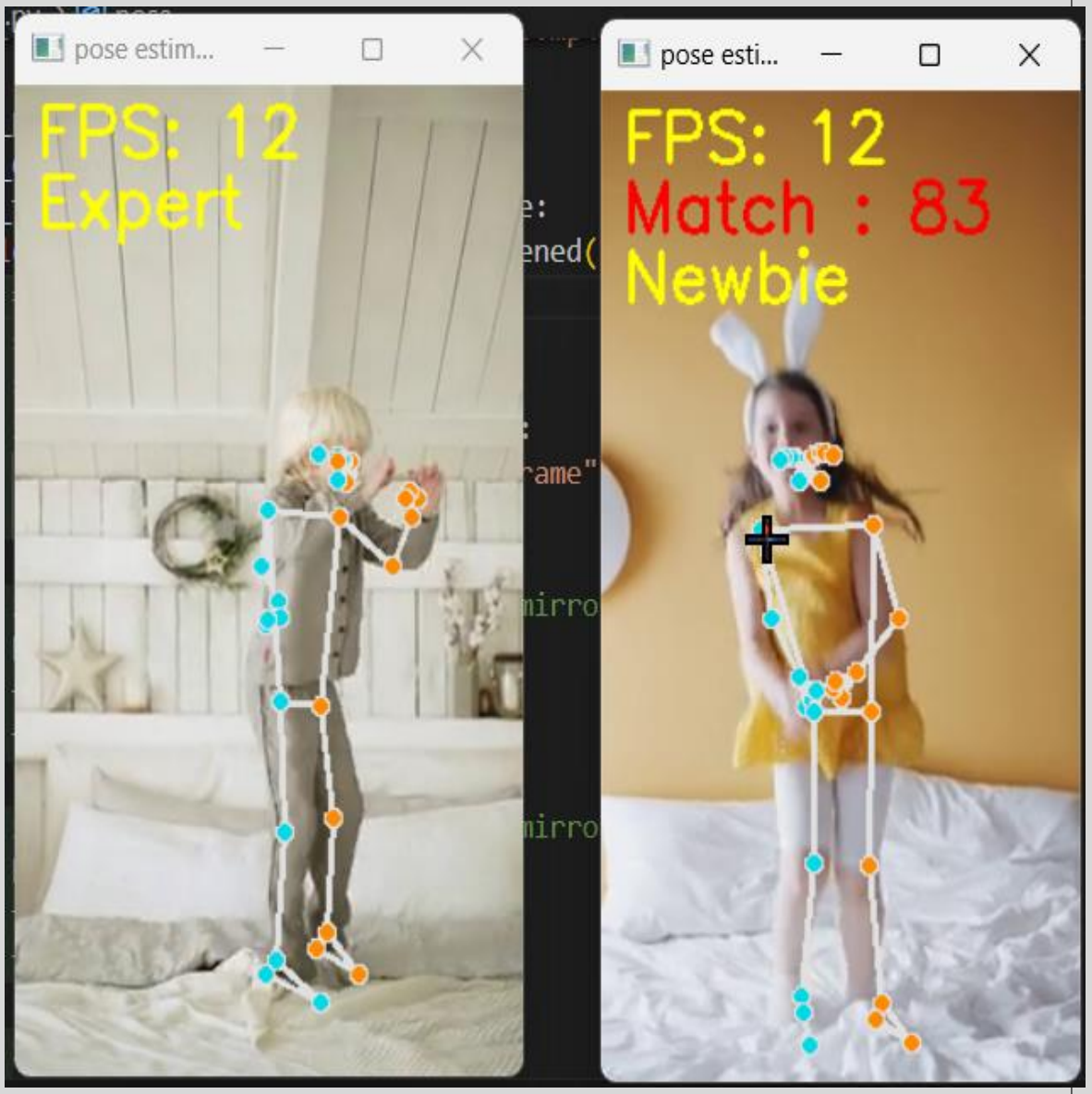
TECH2LEARN

AWAIKEN HACKS
DEVPOST


pose difference.py > pose
25
26 with mp_pose.Pose(
27 min_detection_confidence=0.5,
28 min_tracking_confidence=0.5) as pose:
29 while cap1.isOpened() and cap2.isOpened():
30 # time.sleep(1)
31 success1, image1 = cap1.read()
32 success2, image2 = cap2.read()
33 if not success1 or not success2:
34 print("No video in camera frame")
35 break
36
37 image1 = cv2.flip(image1, 1) # mirror the image horizontally
38 h1, w1, c1 = image1.shape
39 fps_start_time1 = time.time()
40 fps1 = 0
41
42 image2 = cv2.flip(image2, 1) # mirror the image horizontally
43 h2, w2, c2 = image2.shape
44 fps_start_time2 = time.time()
45 fps2 = 0
46
47 image1.flags.writeable = False
PROBLEMS
OUTPUT
DEBUG CONSOLE
PORTS
COMMENTS
TERMINAL
Matching Percentage: 84.02789416777391%
Matching Percentage: 85.90311253971451%
Matching Percentage: 85.03904715057031%
Matching Percentage: 83.08365068853912%
Matching Percentage: 87.15654238946252%
Matching Percentage: 84.7638013749106%
Matching Percentage: 82.96583142970294%
Matching Percentage: 84.29076949095808%
Matching Percentage: 80.06223547639416%
Matching Percentage: 78.68340823056639%
Matching Percentage: 80.96000852391109%
No video in camera frame
PS C:\Users\adars\OneDrive\Desktop\Github Repository\Hackathons\Awaiken hacks 2023>


pose estim...
FPS: 12
Expert
pose esti...
FPS: 12
Match : 0
Newbie


pose estim...
FPS: 12
Expert
pose esti...
FPS: 12
Match : 83
Newbie

2. **Navigate to the Project Folder**

- Move into the project folder using the `cd` command:
- `cd '.\Awaiken hacks 2023\'`

3. **Install Dependencies**

- Use `pip` to install the required dependencies from the `requirements.txt` file:
- `pip install -r requirements.txt`

Usage

Now that you've installed Teach2Learn, you can start using it in your own environment.

4. **Run the Application**

- To analyze actions and compare them, execute the following command:
- `python '.\pose difference.py'`

This will launch the Teach2Learn tool, and you can begin evaluating actions and assessing posture and motion.