**Launch Server**

1. On the center computer
   1. press windows key
   2. Type “git bash” + enter
   3. Type “cd ~/desk” + tab + “/web” tab (it should fill in ~/desktop/webcam-recorder” automatically using tabs.
   4. Type “npm run server”
   5. Note: Press ctrl+c to kill the server if necessary.
   6. Note: If there is error, may need to go to task manager and manually END TASK of Node.js process.

**Load Browsers**

1. On each computer
   1. Press windows key
   2. Type “brave” + enter (opens up Brave browser)
   3. Type in “s3and0s.github.io/webcam-recorder”
   4. Load unsafe script (shown in image below)

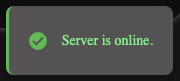
A picture containing device

Description automatically generated

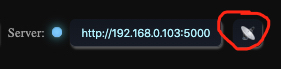
A screenshot of a cell phone

Description automatically generated

* 1. Server should now say “server is online”.



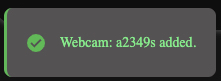
* 1. If not online, click this button on the middle computer:

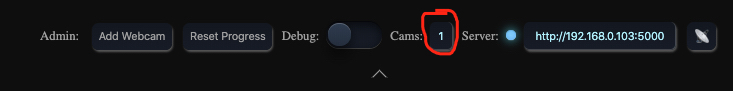
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* 1. If the address change, you must update the left and right computer IP address to the same address!

**Pair Cameras**

1. Each camera is labeled according to color.
   1. Blue: left
   2. Pink: center
   3. Orange: right
2. On each machine, load one camera at a time:
   1. Turn off all camera except one (LED light is RED when off, no light when idle, and BLUE)
   2. Press esc on keyboard until one webcam is added. Then turn on another camera, and repeat until all camera added (ONE AT A TIME).
      1. You can tell all cameras are added in three ways:





A close up of a screen

Description automatically generated

* 1. The total camera should be
     1. Left: 3
     2. Middle: 2
     3. Right: 3
  2. Note: The save will NOT work if all camera are not all turned on. The server must be RESTARTED if recording start without all 8 cameras turned on. See step 1.

**Demonstrate to Participant**

1. Assuming all step complete above (server is connected, and 8 cameras loaded):
2. Type in test in the 输入名字 input box and click enter. It will go to testing screen.
3. Show participant press space to start recording, read sentence, and space again to stop recording. The timer will start when start recording.

A close up of a logo

Description automatically generated

1. It will automatically jump to next sentence when stop recording. If make mistake, press SPACE to stop recording, THEN left arrow key to jump back to the previous sentence.
2. Participant MUST wait for files to finish saving and see green record button before pressing space to start recording next sentence.

A picture containing object, clock

Description automatically generated

1. User may see the saving status on the page.



**Run into any issues**

1. Restart the server and just set up the middle computer again (cameras).
2. Test one sentence to see if all 8 camera save. Then press left arrow key to allow participant to continue.