Due date: 09/26/2024, 12:30 PM, in-class activity. We will check the results directly in class.

Get to know inverse kinematics by using `MoveIt` with the HSR.

1. Download the `hsr_to_neutral.py` file and integrate it into your package[1].

2. rosrun this file and confirm it is working.

3. Add motions such that the robot is "placing"[2] an object on the green cube. You would need to move the robot to the object (use your solution from assignment 3 for this) and then think of ways to place an object on the green cube.

4. Use `rqt_gui` to make sure you have all the HSRs joints.

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[1]You can use "`wget https://www.cs.miami.edu/home/visser/csc398-files/material/hsr_to_neutral.py`" or any other way to download
[2]You are not actually placing an object, you are just using the motions.