custom_dataset.py: definition of dataset (is created during training/testing of model)
graph_loss.py: just for printing loss of training model
print_occs.py: you can edit parameters to view occupancy maps once dataset is saved
r**obot.py**: robot definition. Contains expert control, model control post-processing, sensor reading, VREP handles, etc.
saver.py: class to handle scene saving
sceneplot.py: functions for plotting robot positions, distances, etc post-episode
scene.py: definition of scene, contains rendering functions, simulation function to propagate scene, reset robot positions, VREP handles for initialization and robot movement, adjacency matrix information, etc.
simConst.py: constants for VREP handling
sim.py: simulation library
single_position_graph: metric graphing
state.py: definition of robot state (x,y,theta, transforms, etc)
suhaas_agent.py: class that contains model. Contains hyperparameters, test/train loops, saving functions
test5_more_robots.py: main runner class. Contains total simulation loop, post simulation saving, etc.
graphs/models/suhaas_model.py: contains model definition, forward/backward propagation, etc. To get deeper into GNN definition, go to **utils/graphUtils/graphML.py**.

Notes:
1. To run test5_more_robots.py, make sure VREP is running and the proper scene is loaded (scene/scene_three.ttt)
2. There are some plots that occur after every episode (distance, position, and control plots). These are stored in the figs/ folder. I save the entire position list over all episodes run in a simulation at end of test5_more_robots.py, and then use this saved information in single_position_graph.py.
3. Since we are appending to a dataset after every episode (Dagger), a new custom_dataset is created every time ‘train’ is called in suhaas_agent.py.
4. The input to the neural network is the occupancy maps, the GSO, and the reference distance. The output is the control for each wheel.