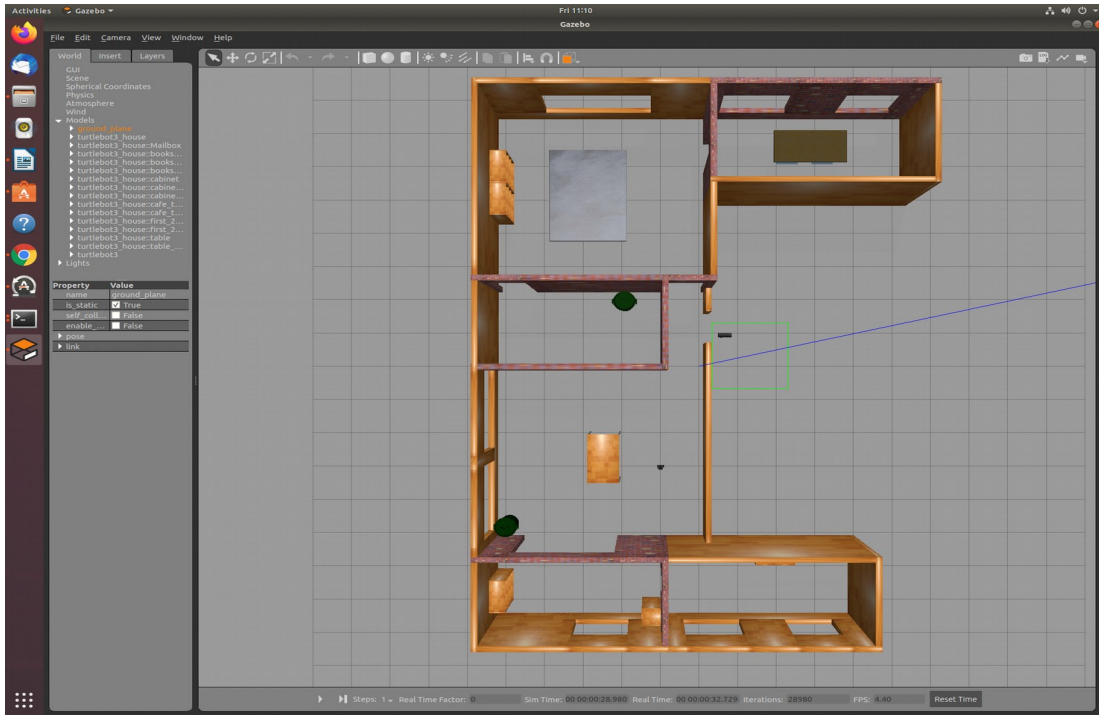
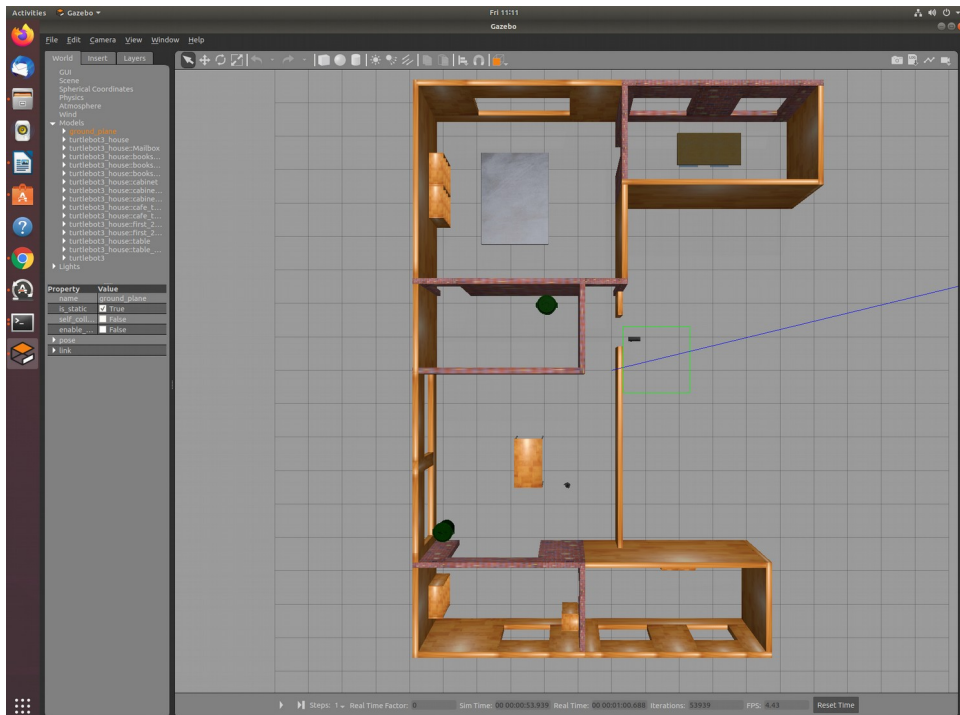


Assignment Answer

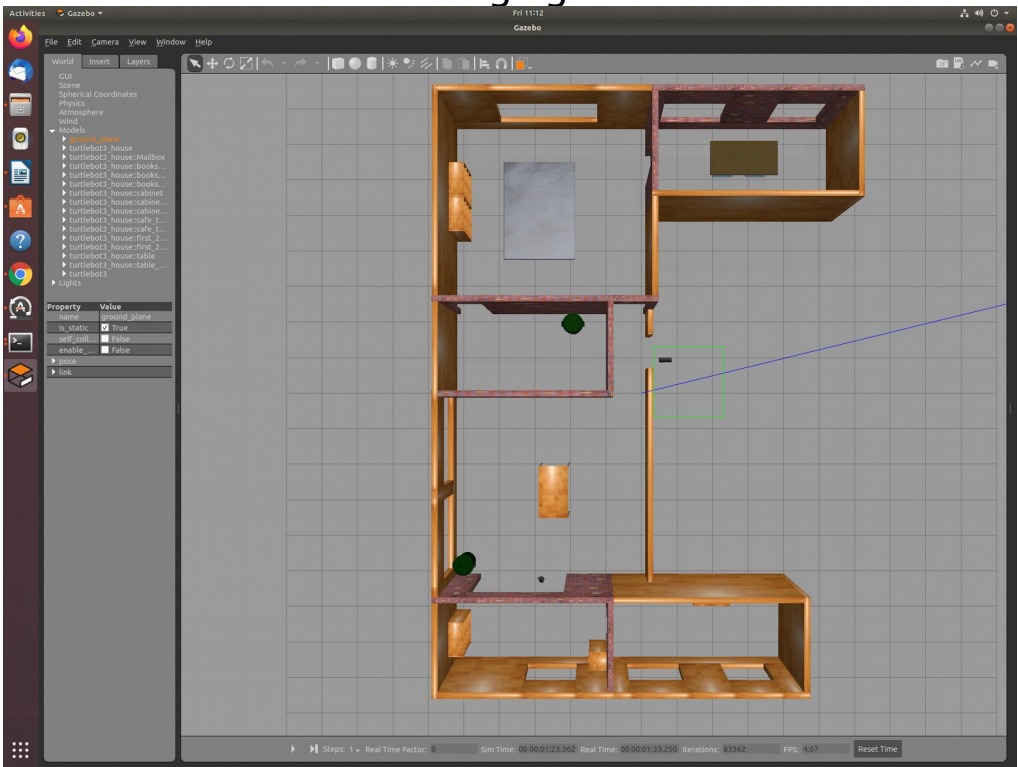
Initial Positions:



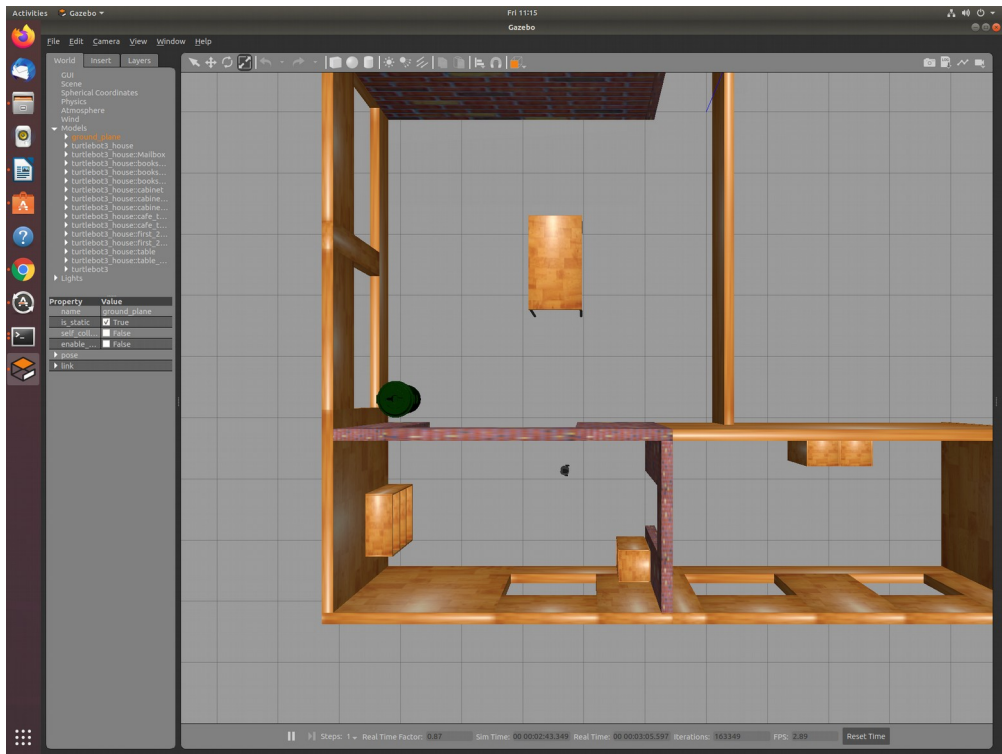
Moving in direction towards room1:



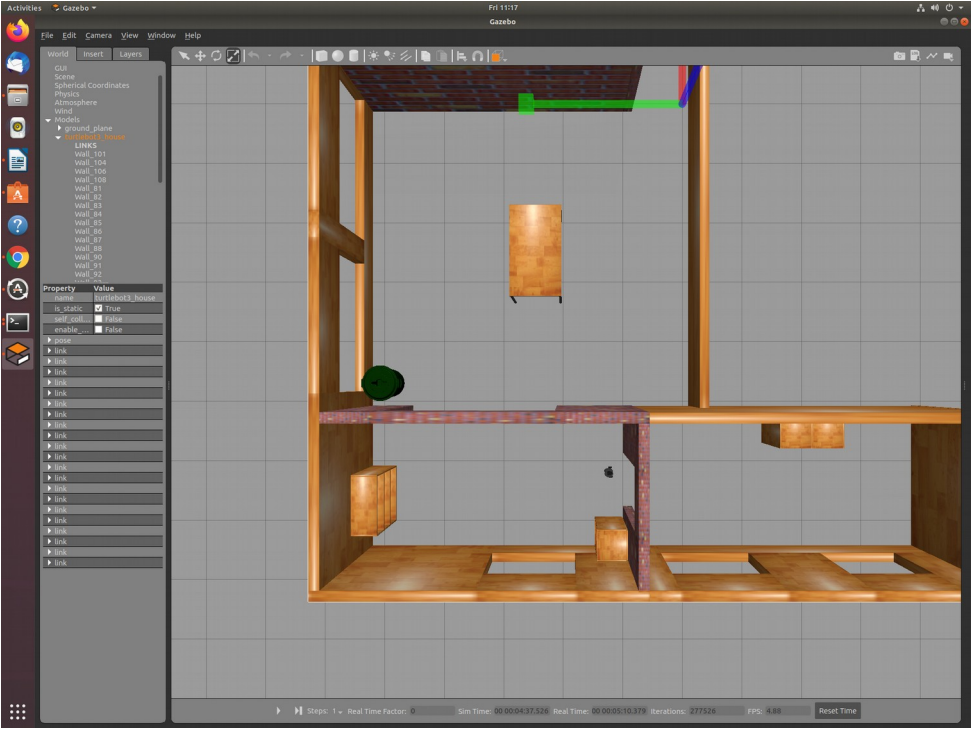
Came to the wall near Can and changing direction towards room1:



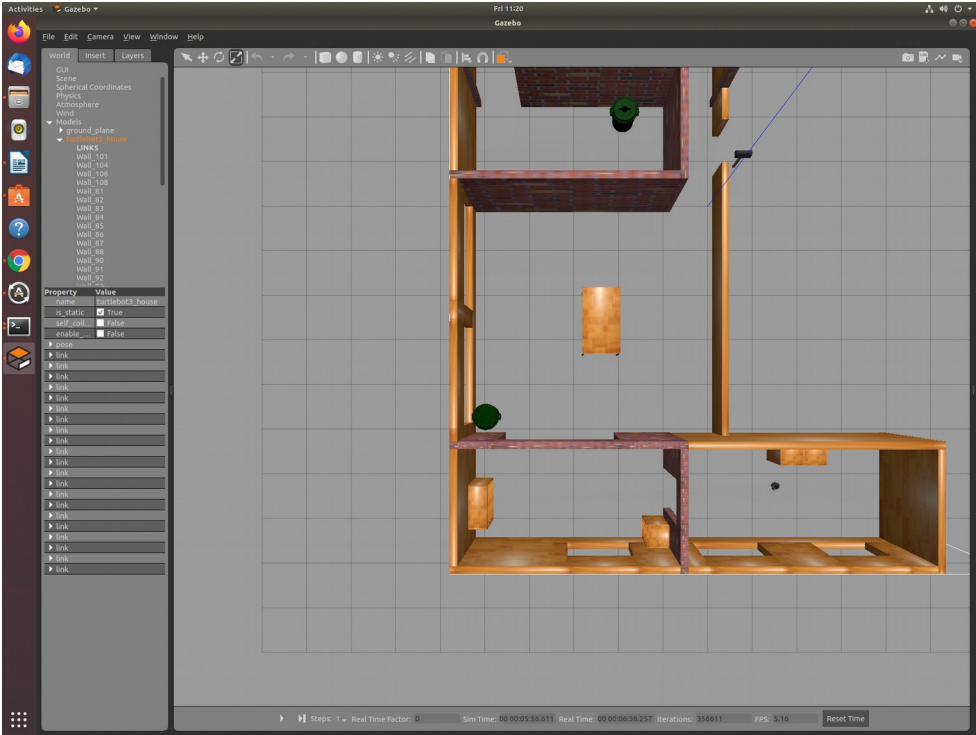
Moving towards room1:



Entering Room1:

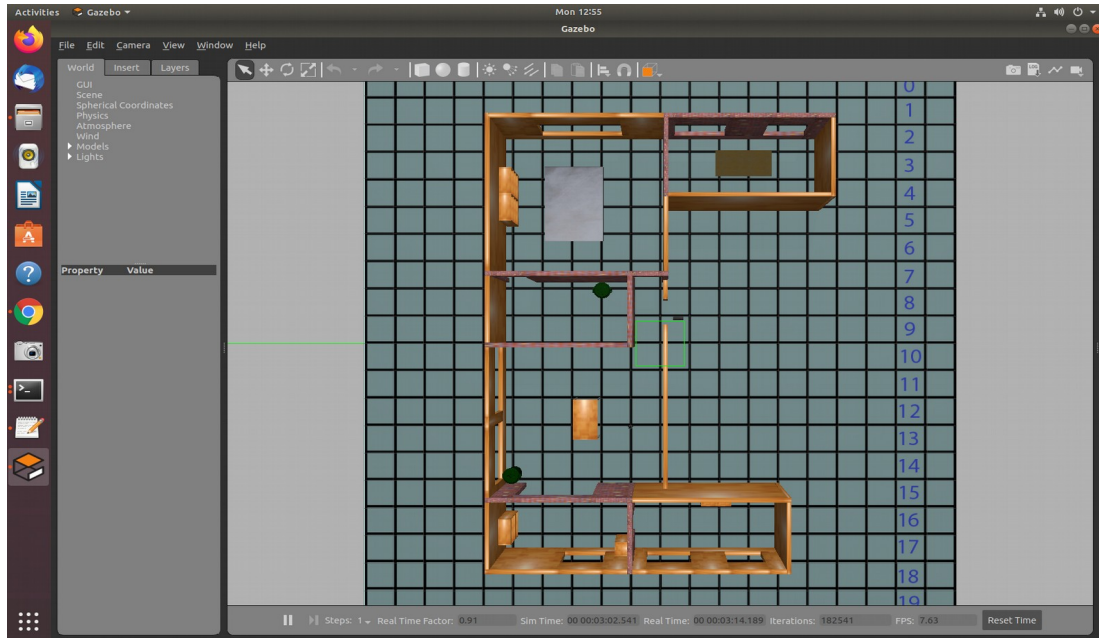


Final Destination Reached:

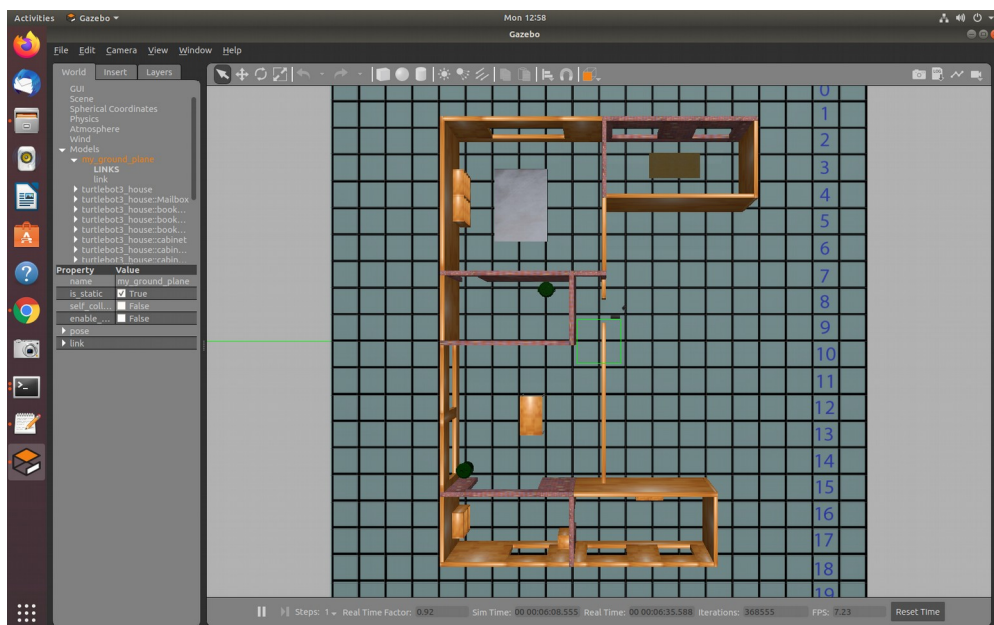


Optional/Extra credit

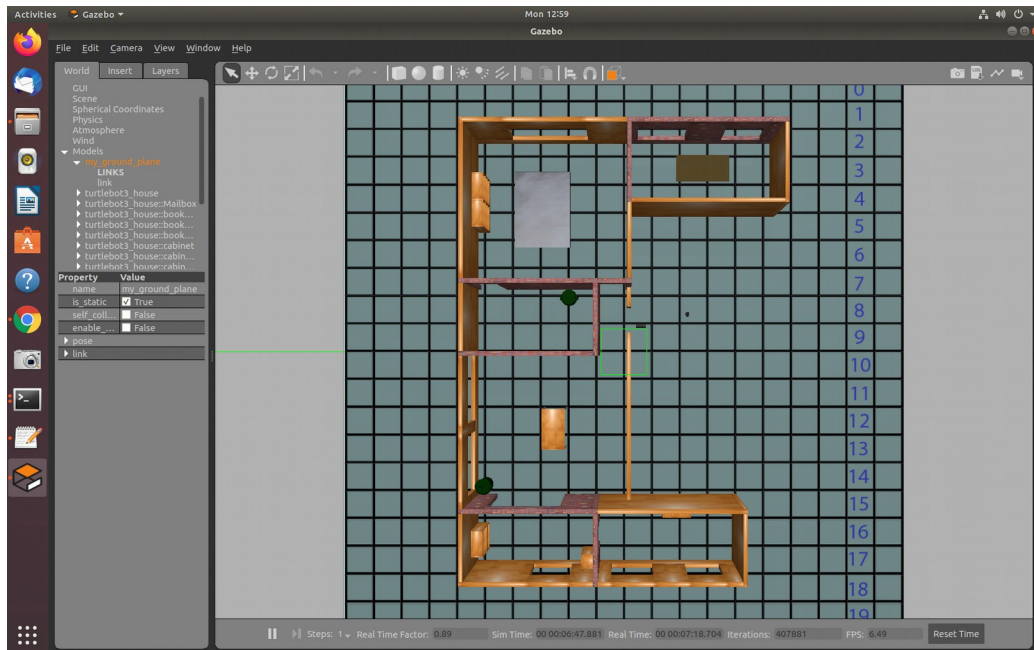
Initial Positions:



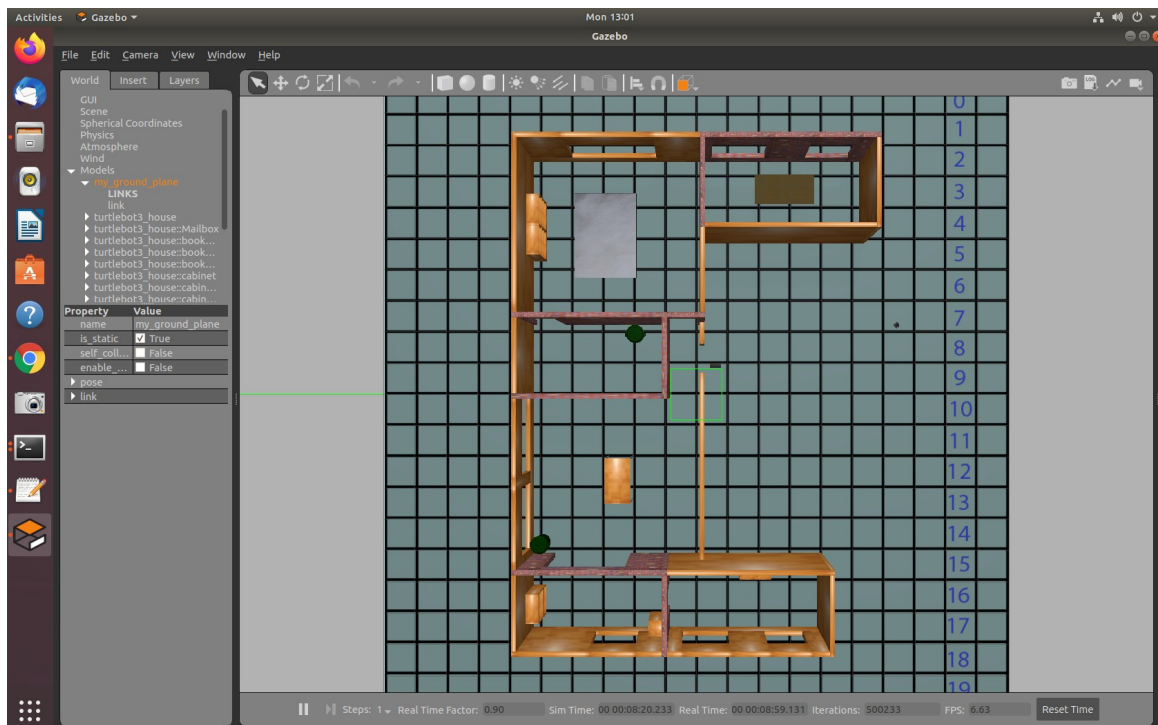
Moving towards post box:



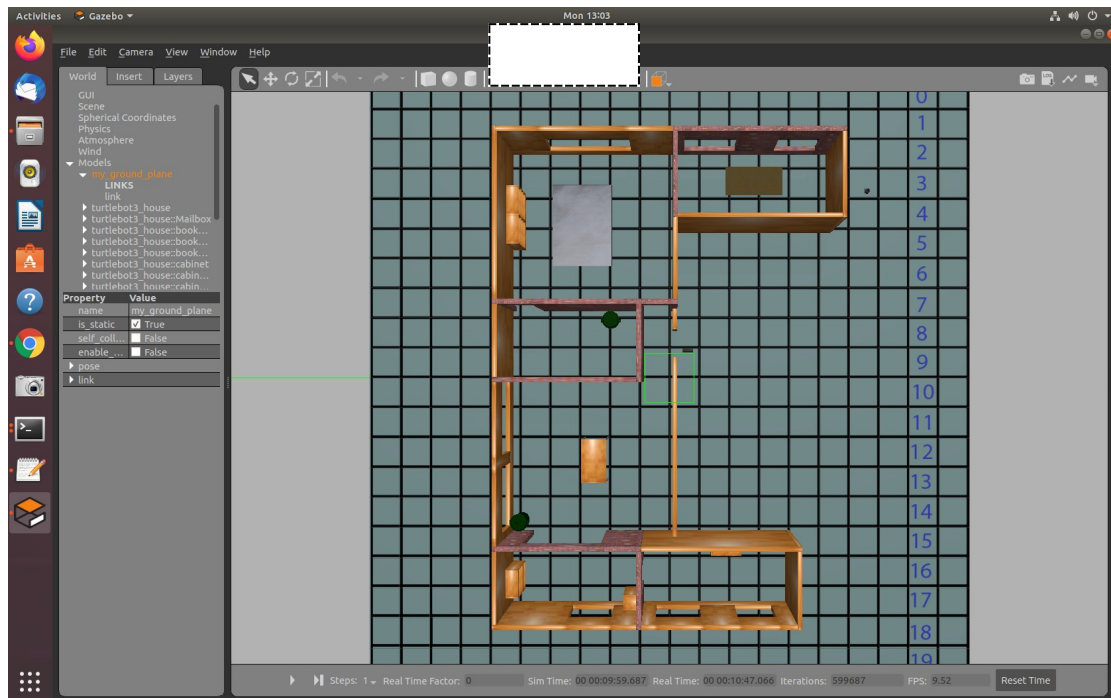
Moving towards Grid 2



Came near (7,2):



Moving Towards grid(2,2):



Reached Final Destination:

