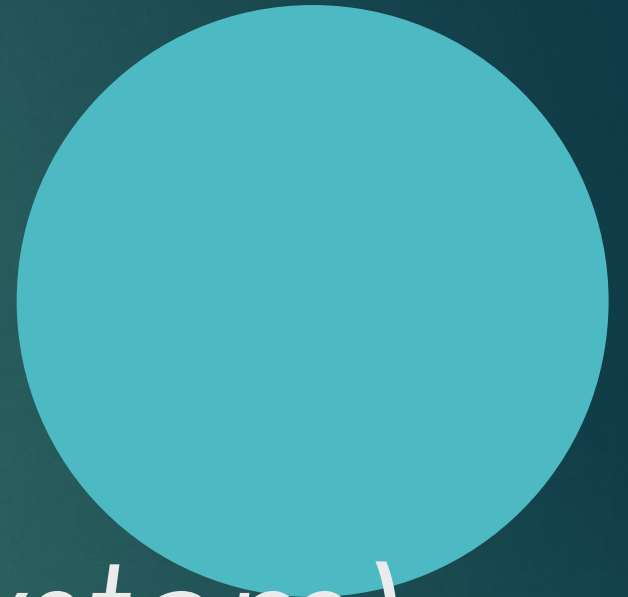


ROS2 9

(Robot Operating System)



Task 1:

You are required to create a ROS2 python pkg (iti_lab_9) that is formed of 1 node (node1) node 1 should read a csv file that contains velocity commands for the turtlesim in the format “linear_x, angular_z“, you should read line by line and publish velocity commands to the turtle with a rate of 1 HZ. Also the node should reset the turtle’s position if it goes out of some specified bounds, the bounds are $2 < x < 8$ and $2 < y < 8$.



Instructors repo Link:

- 1- <https://github.com/ahmedgharieb1>
- 2- <https://github.com/M-abdeen>

Material repo :

https://github.com/ahmedgharieb1/ITI_LSV_ROS2

