

## **Homework – Domabot Maze Solving**

One must tune 2 sets of PID gains for the Domabot to successfully navigate a maze. The first set is for (port-side) wall-following (WF). The second set is for bow-side obstacle avoidance (OA) for right turns. Additionally, one can turn the Domabot's base speed.

- A. Provide 3 URLs to your YouTube videos showing at least one successful run. The other 2 videos can be failed runs (50-points)
- B. Provide the WF and OA PID gains and base speed for each run (25-points)
- C. Comment on how you observed failed runs to tune the gains and base speed for the successful run (25-points)