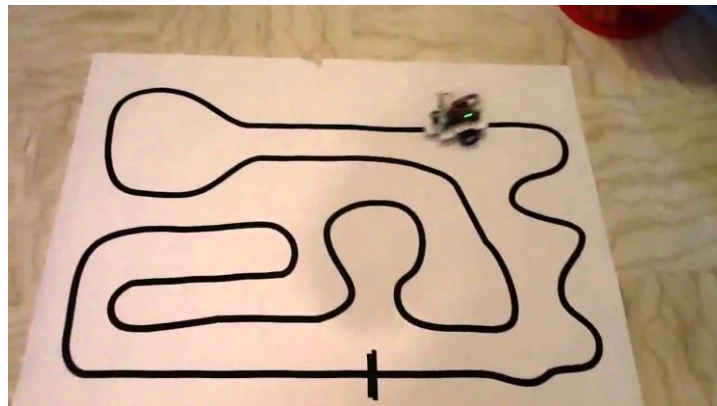


IC-102P

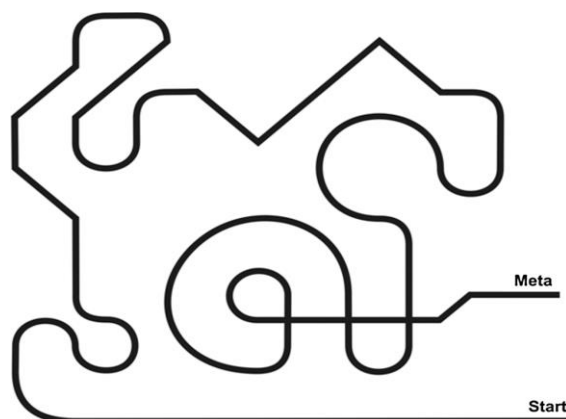
Problem Statements for Prototype Development

Sl. No.	Problem Statement
1	Line Follower Robot (Curved Lines)
2	Line Follower Robot (Intersecting Lines)
3	Teleoperated Robot using ROS
4	Obstacle Avoidance Robot
5	Convex Shape Detection
6	Concave Shape Detection
7	To and Fro Memory Robot
8	Simple Maze Solving Robot

PS 1: Line Follower Robot (Curved Lines)



PS 2: Line Follower Robot (Intersecting Lines)

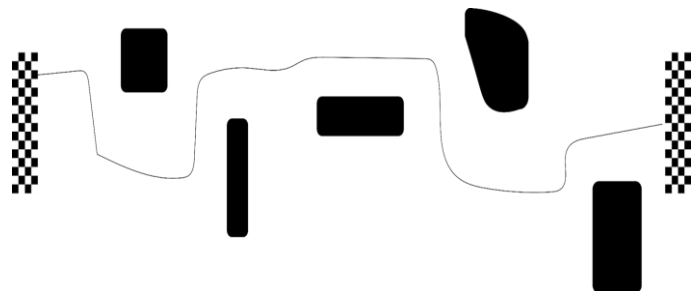


PS 3: Teleoperated Robot using ROS

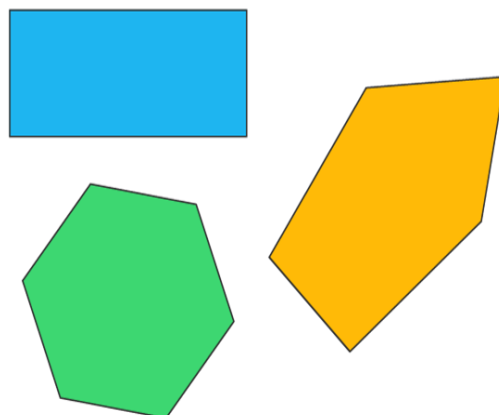
Suggestions:

- *Standard Controls (WASD)*
- *Speed Control*
- *4 wheel differential drive*
- *Miscellaneous embellishments*

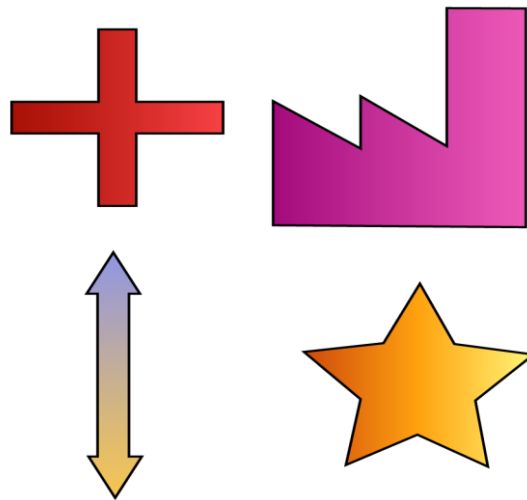
PS 4: Obstacle Avoidance Robot



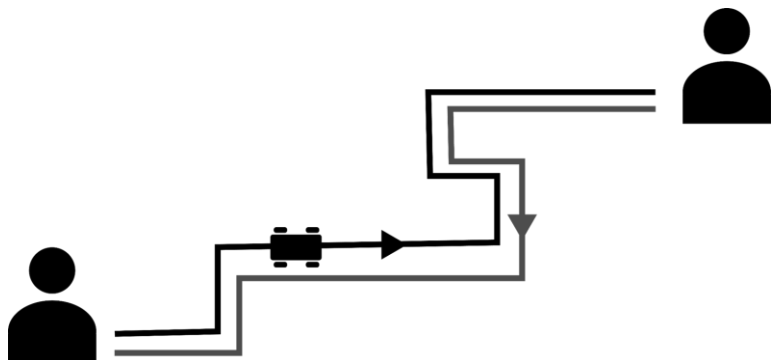
PS 5: Convex Shape Detection



PS 6: Concave Shape Detection



PS 7: To and Fro Memory Robot



PS 8: Simple Maze-Solving Robot

