**Virtual Initio Programming: Line Following**

**AIM:** This exercise sheet provides and additional challenge problem similar to that in WS11.

**Exercise 1**: Write a program that will follow a line. You should use the same techniques you used to design and develop your obstacle avoidance program and use **line\_following.xml** world to test the program. Your program design should involve the robot moving forward when its line sensors are either side of the line and turning left or right as appropriate if one of the line sensors detects the line. You will have to move the robot to a suitable starting position.



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