Introduction to Robotics – Exercise 1

Date of submission – 25/11/19 (23:55:00)

The assignment

- Write a program that moves the turtle 1m forward from its current position, rotates it 45 degrees and then causes it to stop
- Print the turtle's initial and final locations.

Rules

- You can use either C++ or Python for **this** exercise.
- .Make sure that your code is well structured and documented.
- Your work should be performed **independently.**

What to Hand In

You should hand in everything that someone else needs to run your code.

For this assignment, that means your source code, package.xml, CmakeFiles.txt, and launch files.

In the package.xml you should have the line

<author>Jane Doe 111111111<\author>

with your name and ID number

You should **not** hand in executable files, or any other files that can be regenerated.

Your code should be easy to run.

After getting a copy of your code, running

catkin-make --pkg move_turtle

roslaunch move_turtle move_turtle.launch

should be sufficient to start up roscore and the nodes to move the turtle!

Finally, zip all the necessary files and submit in

https://lemida.biu.ac.il/mod/assign/view.php?id=921078