Robotics lab - 221 LIA 001

lab test - 1

List of topics for lab test

- ROS basics - nodes, topics, messages, creating workspaces,
- ROS commands - roscore, rosrun, rostopic, rosenode, rosls, rospack
- Creating packages - catkin_create_pkg, catkin_make
- Package dependencies, package.xml
- turtlesim
- rqt_graph
- publisher - subscriber
- Git fundamentals and commands
- Ubuntu fundamentals
- Using builtin screen recorder in Ubuntu 20.04

Please note that the list of topics is not exhaustive

Lab test format

- Lab test would have to be done individually
- Maximum duration alloted for completing lab test is 1 hour
- Test questions would comprise theory, terminal commands and coding exercises
- The test would be done via Github classroom
- After completing test, student will have to submit the answers as a commit to their Git folder
- Some test questions would require you to record your screen and submit the recording (with the file name mentioned in the question) to the Git

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