Assignment 1

Topics : ROS basics, Publisher

- Download and install the turtlesim package
    - Open a terminal and start the roscore
        roscore
    - Open another terminal and type
        sudo apt-get install ros-$(rosversion -d)-turtlesim
    - Run turtlesim
        rosrun turtlesim turtlesim_node
    - Open another terminal and type
        rosrun turtlesim turtle_teleop_key
        - ➢ Use the keypad arrow keys to move the turtle around and check how the data is getting published in **/cmd_vel** topic

- Create a package called **assignment_1** with dependencies **rospy** in your catkin workspace
  Your Code:

- In the source folder of your package assignment_1 create a publisher python file **move_circle.py** which makes the turtlesim to execute a single circular(approximate) trajectory.
  Your Code:

- In the source folder of your package assignment_1 create a publisher python file **move_square.py** which makes the turtlesim to execute a single square(approximate) trajectory.
  Your Code: