Hints for HW1

1. Useful Functions in NumPy

You can call functions like:

- np.sqrt
- np.sum
- np.square

Hint: You may find the axis parameter useful when applying functions to arrays.

2. ROS Subscriber Setup

Your subscriber should be instantiated as follows:

self.subscriber = rospy.Subscriber(...)

once you've figured out the right message type, don't forget to import it at the top! If the message type from `rostopic info` is "X_msgs/Y", the Python import would be "from X_msgs.msg import Y".