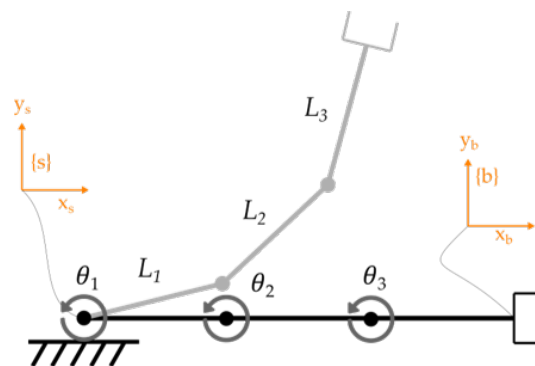# Practice Set 10

**Robotics & Automation**
Dylan Losey, Virginia Tech

Using your textbook and what we covered in lecture, try solving the following problems. For some problems you may find it convenient to use Matlab (or another programming language of your choice). **We will cover the solutions in the next lecture.**

Problem 1

What is the forward kinematics of the robot shown above? This planar robot has three revolute joints.

Problem 2
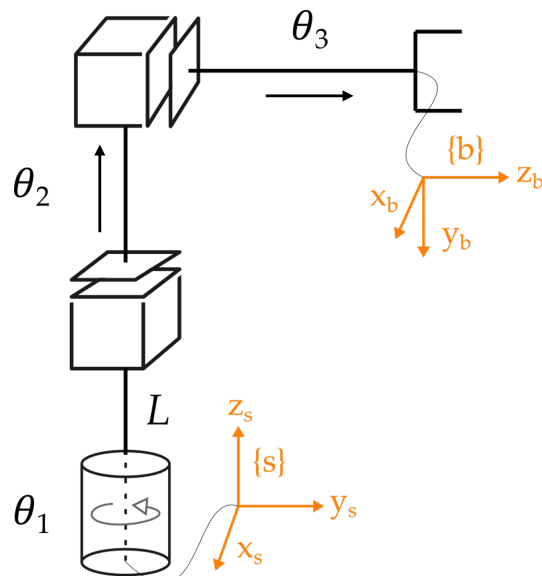
What is the forward kinematics of the robot shown above? This robot has one revolute joint followed by two prismatic joints.