Optional Homework for AIRobotics Practice

Task Description:

Take the robot description from P07-P08. Currently, it will collapse in a physical simulation. That is because it has inertial properties now, but no actuation has been defined in the joints. Your task is to define the actuation and, with a small demo, send the robot into different (possible) joint configurations. For this, you will need to be able to send the controller unit a correctly formatted message containing the command.

Proof needed:
1. Compressed package
2. Short documentation (5 pages max)
3. Short video (screen capture) demonstrating the functionality (command the robot into at least 3 different positions)

Other important terms:
1. The package needs to be ROS2 Foxy compatible with minimal effort.
2. Deadline: 17.11.2024 23:59