Assignment 2

See the code in the script main_script_incomplete.
The following line applies a PD controller to the shoulder:
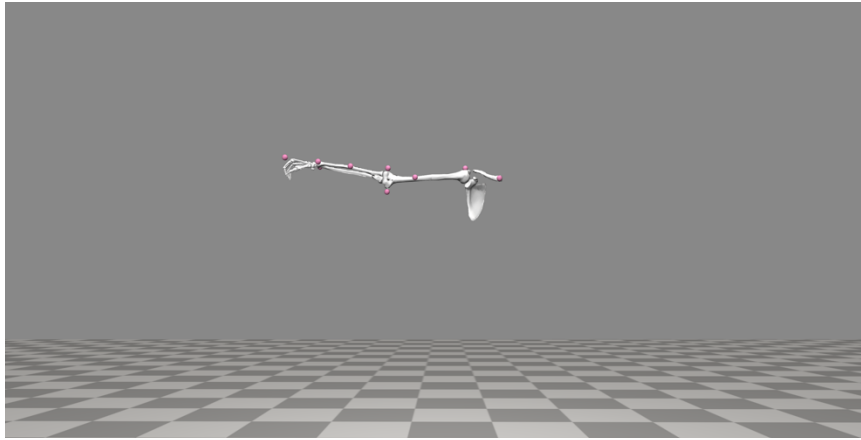func.setValue(-20 * (shoulder_elv - 1.5708) - 1 * shoulder_elv_v);
Apply a PD controller to the elbow as well.

The objective is to achieve the final target in the image below. Change the PD gains so that:
a) the shoulder overshoots (i.e., goes above the target pose for a moment)
b) the shoulder undershoots (i.e., goes below the target pose)
c) How do you get to the target faster?

Report the values and explain your answers.

Change the PD controllers to achieve the final target below.