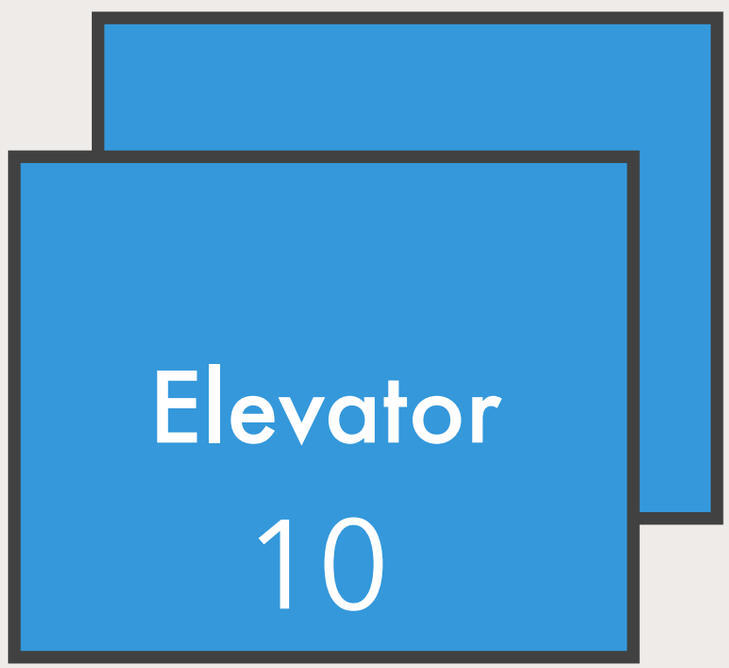
Control Systems

Lynbrook Robotics Software

Controlling Position

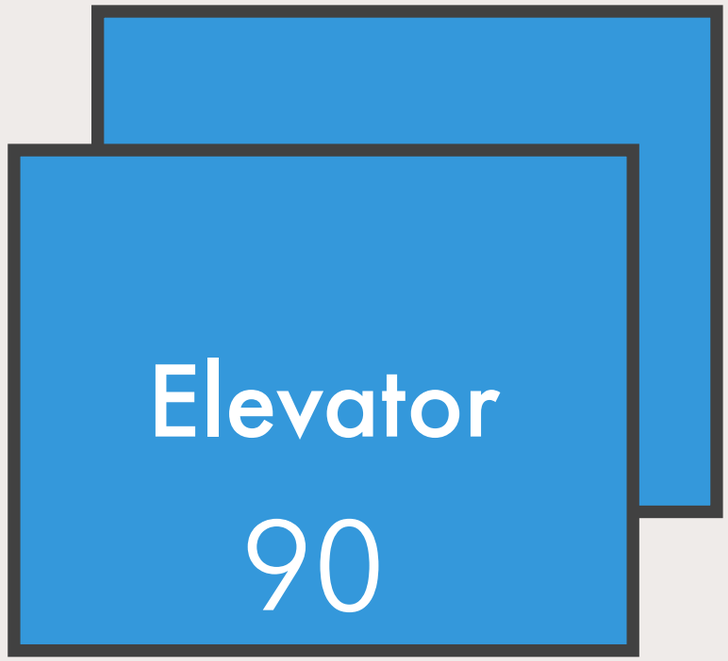
Target: 50

Move UP!



Controlling Position

Target: 50



Move DOWN!

Control the Elevator!

- Implement a method that moves the elevator towards the target position of the value on the board
- Create an instance of AnalogInput with the id of the board and use ***getAverageValue()*** to get the current potentiometer value
- Create two instances of CANTalon for each of the two motors with the ids on the board
- While button #1 is held down on the operator joystick, call your elevator control method
- If your value is LOWER than target, you want to go DOWN. If position is LARGER, then go UP.
- When none of the buttons are held down, set both motor speeds to 0