

Required

1. Get your arduino to control the position of the servo with a potentiometer. Remember! A potentiometer reads from 0 to 1023 but a servo requires a position between 0 and 180. You will have to do some math to make sure that the two sets line up.
2. Adapt the program above to use the servo read() function to display its position on the serial monitor and serial plotter.

Advanced (if done with two above)

1. Use a pushbutton to make your servo rotate 90 degrees, then rotate back to its starting position after waiting for 1 second.