Output PWM signal to downstream circuitry via pin 3

Append left and right hand sides with a decimal point between to obtain final binary value

Convert both left and right hand sides into their binary representations

Display Base 10 input voltage on the top row of LCD, and binary voltage on the bottom row

Break base 10 voltage into left and right hand sides of the decimal

Convert from analogRead scale to analogWrite scale

Read Input from upstream circuitry

Void loop()

Convert from analogRead scale to actual base 10 voltage