

A decorative graphic on the left side of the slide, consisting of a network of white lines and circles on a blue gradient background, resembling a circuit board or a signal path.

SIMULATING ANALOG SIGNALS

FADING AN LED USING **PULSE WIDTH MODULATION (PWM)**

Pulse Width Modulation

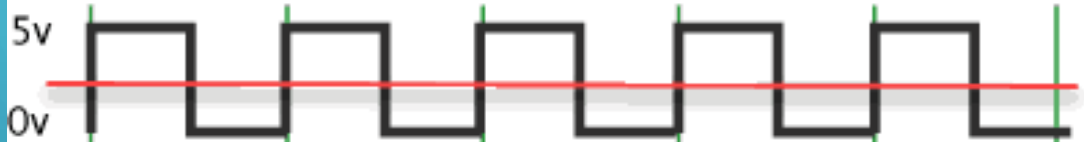
0% Duty Cycle - analogWrite(0)



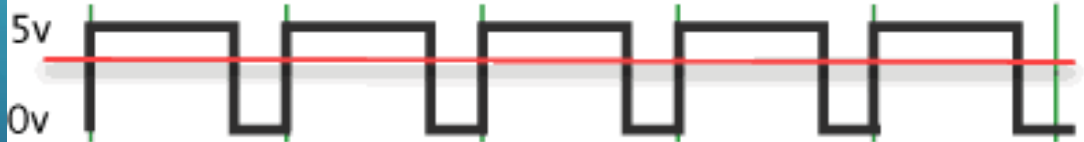
25% Duty Cycle - analogWrite(64)



50% Duty Cycle - analogWrite(127)



75% Duty Cycle - analogWrite(191)



100% Duty Cycle - analogWrite(255)

