

SENSING ACTION WITH FUNCTIONS

FireSensor()

This function retrieves the latest value of the fire sensor. The fire sensor returns a value between 0 and 1 depending on how close a fire is to the front of the line following robot. When the sensor returns a value of 0, there is no fire close by. When the sensor returns a value of 1, the fire is right in front of the sensor.

WaterHose(bool)

This function instructs the line following robot to activate or deactivate its water hose, depending on if the function was called with an input of true or an input of false.

Delay(millisconds)

This function will cause your code to pause execution for a specified amount of milliseconds. This function may be useful if you want your code to wait until the value of a sensor has updated.