

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(seconds)

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

console.log(output)

This function will allow you to write text to the console. This function might be useful while debugging. For example, checking the values of sensors by displaying their values in the console, or checking when an IF statement is being executed. Some functions will produce an error message when called inside a console.log. In these situations, write the output of the function to a variable first then use the variable as the output. If you want to write custom strings to the console, make sure that you enclose them in quotes, like so:
console.log("hello world")