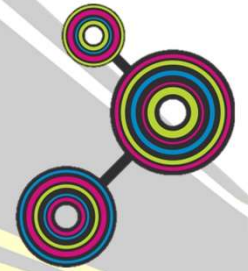


Line Sensing: Forwards/Stop



while True:

```
    left_sensor = pin2.read_analog()
```

```
    right_sensor = pin1.read_analog()
```

```
    if left_sensor >= 100 and right_sensor >= 100:
```

```
        display.show(Image.ARROW_N)
```

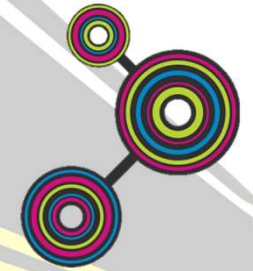
```
        sleep(100)
```

```
    else:
```

```
        display.show(Image.HAPPY)
```

```
        sleep(100)
```

Line Sensing: Left/Right



if both sensors on the line:
go forwards

if only one sensor on the line:
turn in one direction

if other sensor on the line:
turn in other direction

else:
stop

*extra statements go between
your first 'if', but before 'else'*

So far, you have used 'is greater
than or equal to 100' **>=100**

This is **True** when the sensor is on
the line.

To detect when the sensor is off the
line, you can use 'less than 100'
<100 (note the direction of the < >)

Questions!

- Which direction should it turn in when it is off the line? Which wheel will need to move?
- What would happen if we used <= instead of <? What if the reading was exactly 100?