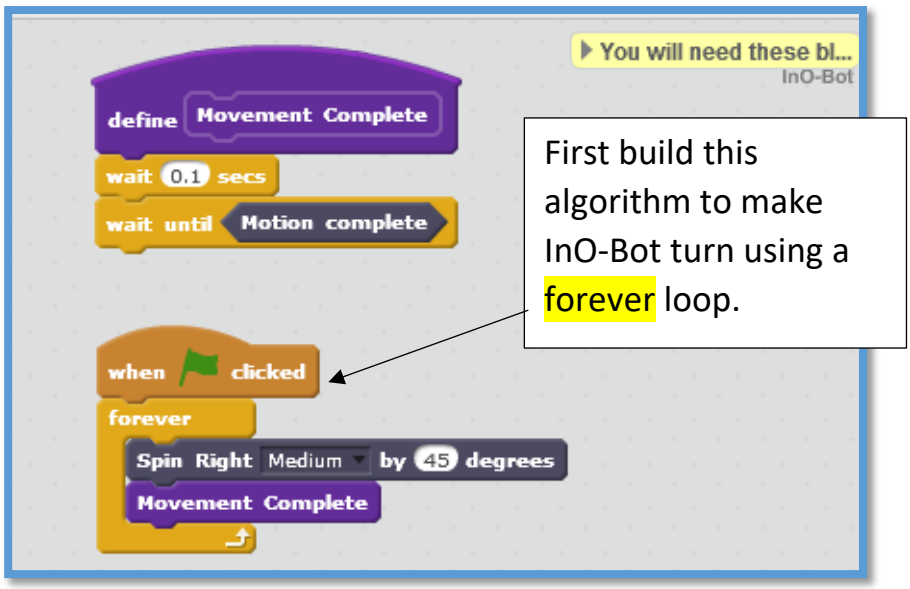
Motion Sensor!

When I park my car sensors tell me when I am moving too close to other objects by beeping. Let's turn InO-Bot into a motion sensor who could guard your desk!



First build this algorithm to make InO-Bot turn using a forever loop.

Now get an IF/ELSE loop from the CONTROL blocks.

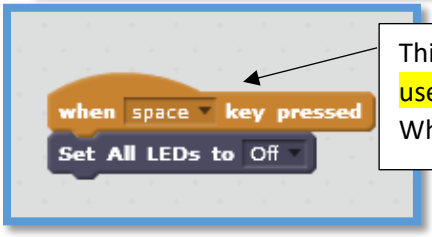
Find the green LESS THAN block in OPERATORS.

Drag it into the forever loop.

Put InO-Bot safely on your table where he can turn around. DON'T move things out of the way!

Click the green flag. Watch happens as the InO-Bot turns?

What is the InO-Bot detecting?



This might be useful to make. Why?

Make this SECOND IF/ELSE algorithm.

Make sure you select the MORE THAN operator block.

Add it into the FOREVER loop under the first IF/ELSE algorithm.

Now click the green flag. What happens now?

Put InO-Bot in a space on the floor. Test it.

Investigate different distances for your Motion Detector. Try different alarm sounds. How many different distances can it detect?