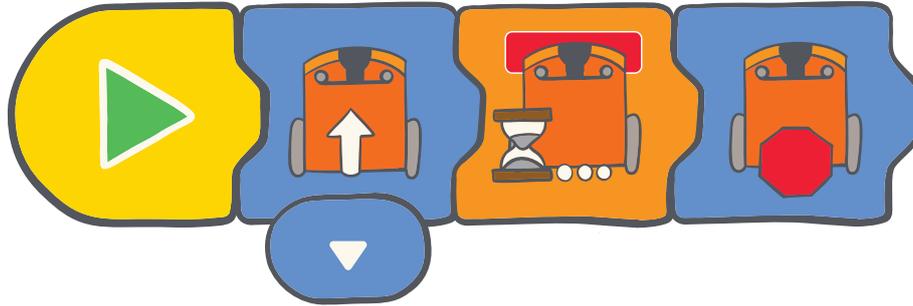


### What to do with EdBlocks

Using the EdBlocks app, arrange the blocks to match the program here:



This program has Edison drive forward until it detects an obstacle is in the way. When Edison can 'see' the obstacle, it will stop.

### What to do with Edison

Download the program above to Edison.  
Put Edison on one side of your desk, then place an object, like a pencil case, on the other side of the desk. Aim Edison at the object, then press the triangle button. Watch Edison drive forward towards the object.

### Find the answer

If an obstacle is too small or doesn't reflect enough infrared light, Edison cannot detect it. Let's see what things Edison can and cannot detect. Try placing different objects in Edison's way and test what happens. Try things that are different shapes and colors. Record your results here:

Object	Color and shape	Did Edison stop? Why or why not?