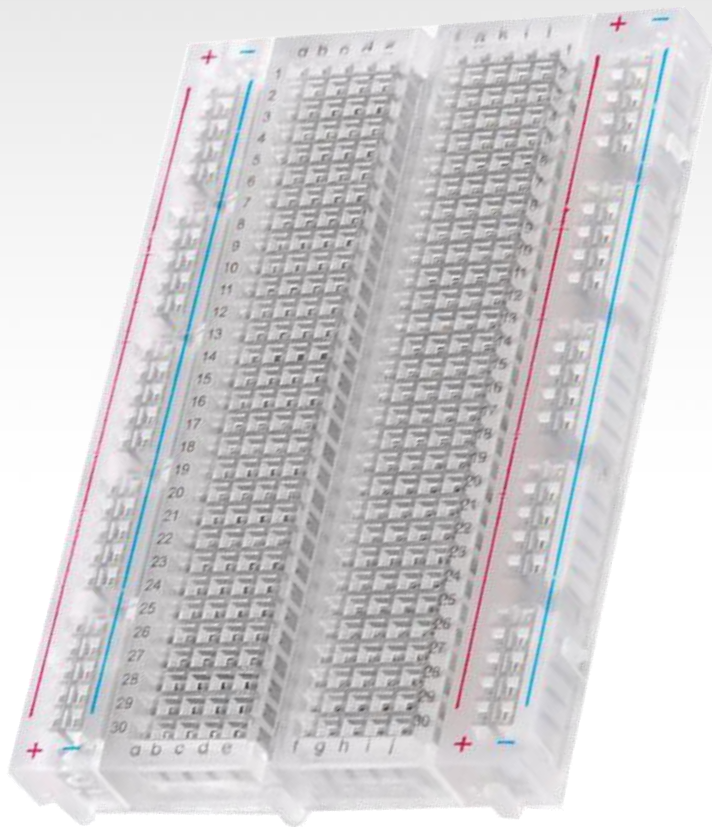
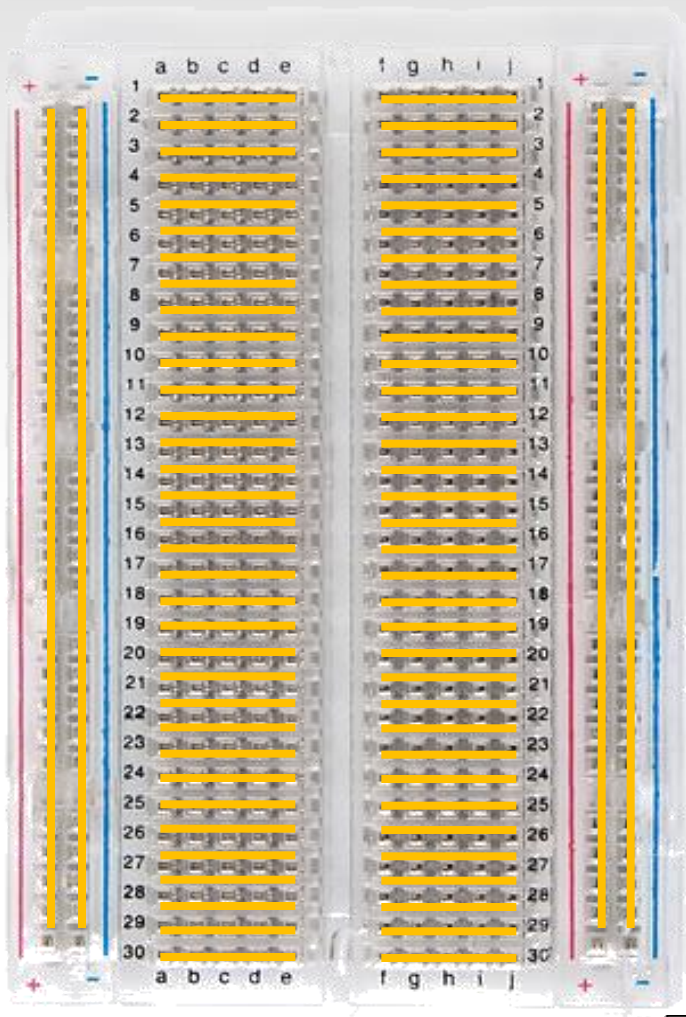


What's a Breadboard?



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Solderless Breadboard

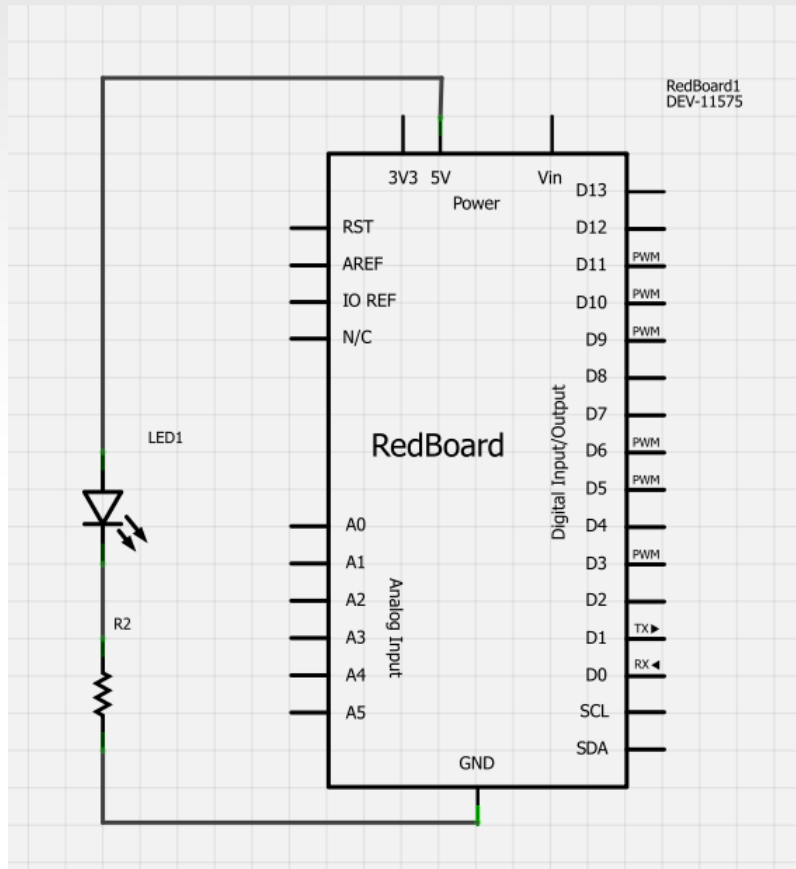


Each row (horiz.) of 5 holes are connected.

Vertical columns – called power bus are connected vertically



Using the Breadboard to built a simple circuit

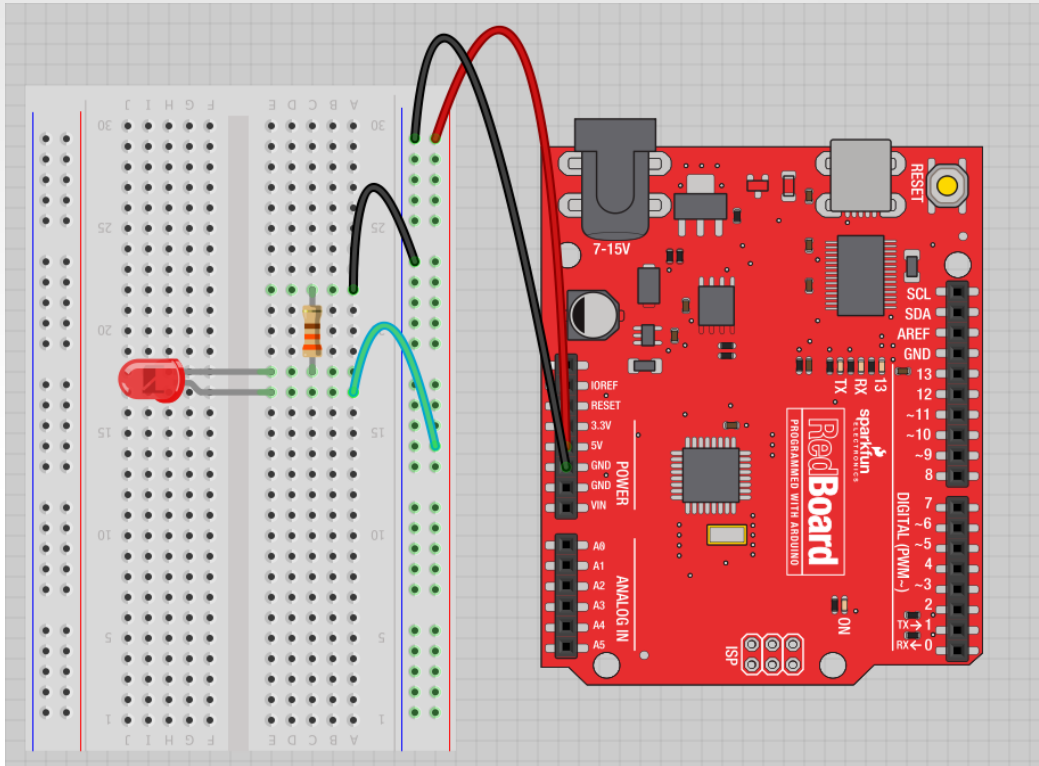


Use the breadboard to wire up a single LED with a 330 Ohm Resistor (Orange-Orange-Brown).

Note: the longer leg on the LED is the positive leg and the shorter leg is the negative



Fritzing View of Breadboard Circuit

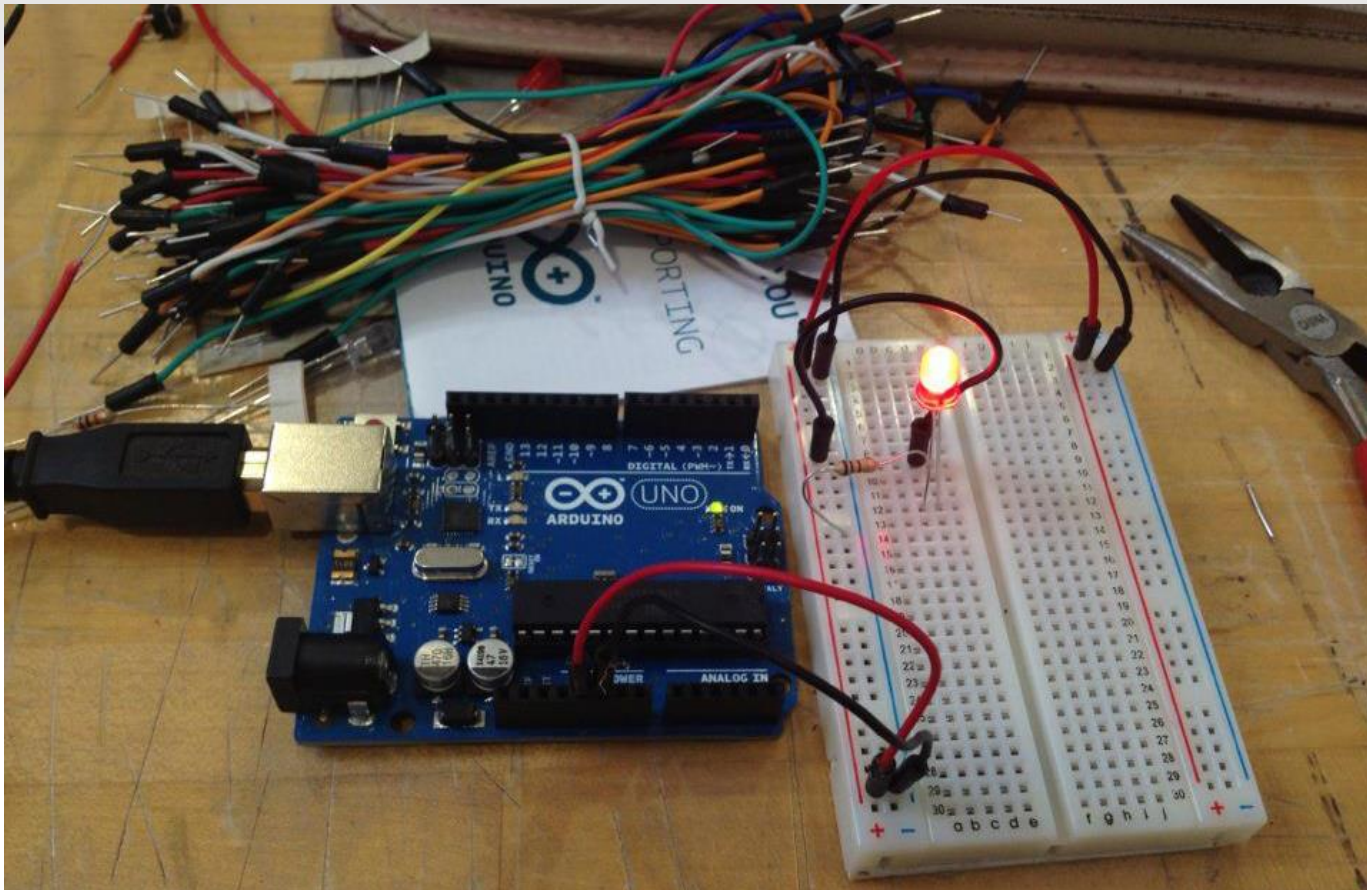


What happens when you break the circuit?

What if you wanted to add more than one LED?



Adding control – let's use the Arduino and start programming!!!



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