

Jan 31

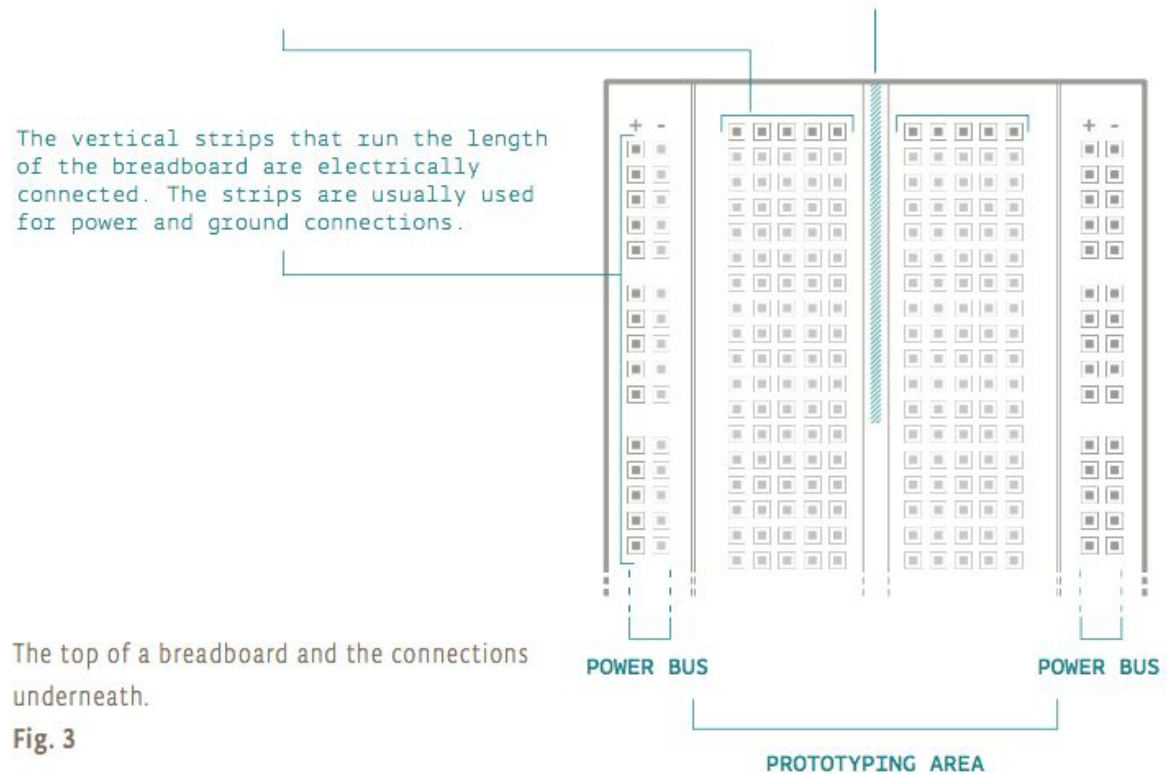
Arduino introduction:

1. Download Arduino IDE from <https://www.arduino.cc/>
2. Upload BLINK program to Arduino from File > examples > basic > blink.
3. Alter BLINK program to blink faster or slower.
4. Use a proto-board to light an LED, using pin13.

The 5 holes in each horizontal row are connected electrically through metal strips inside the breadboard.

The middle row breaks the connection between the two sides of the board.

The vertical strips that run the length of the breadboard are electrically connected. The strips are usually used for power and ground connections.



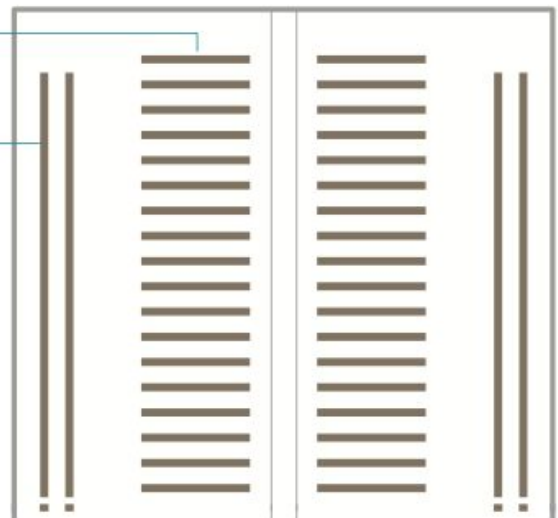
The top of a breadboard and the connections underneath.

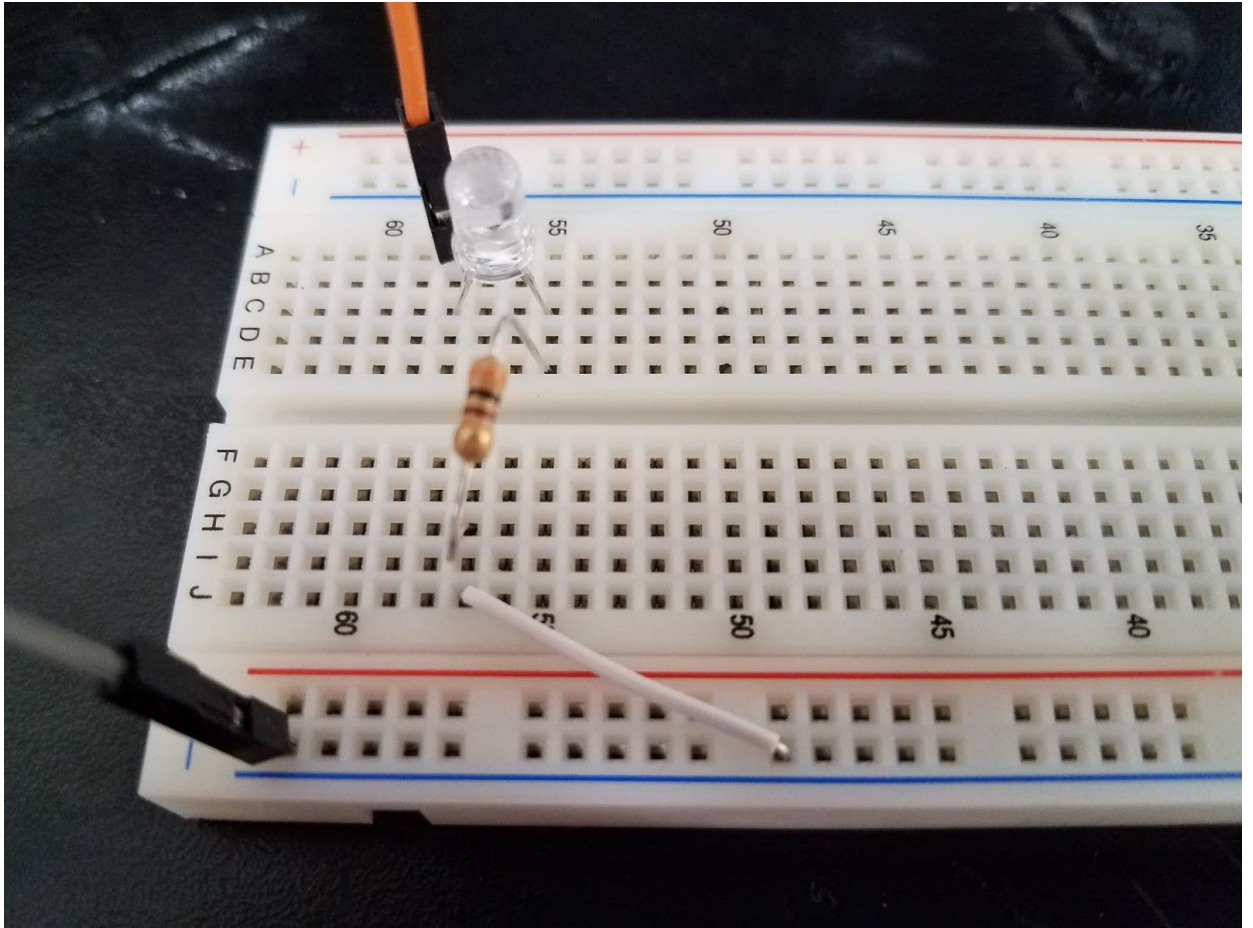
Fig. 3

Conductive metal strips.

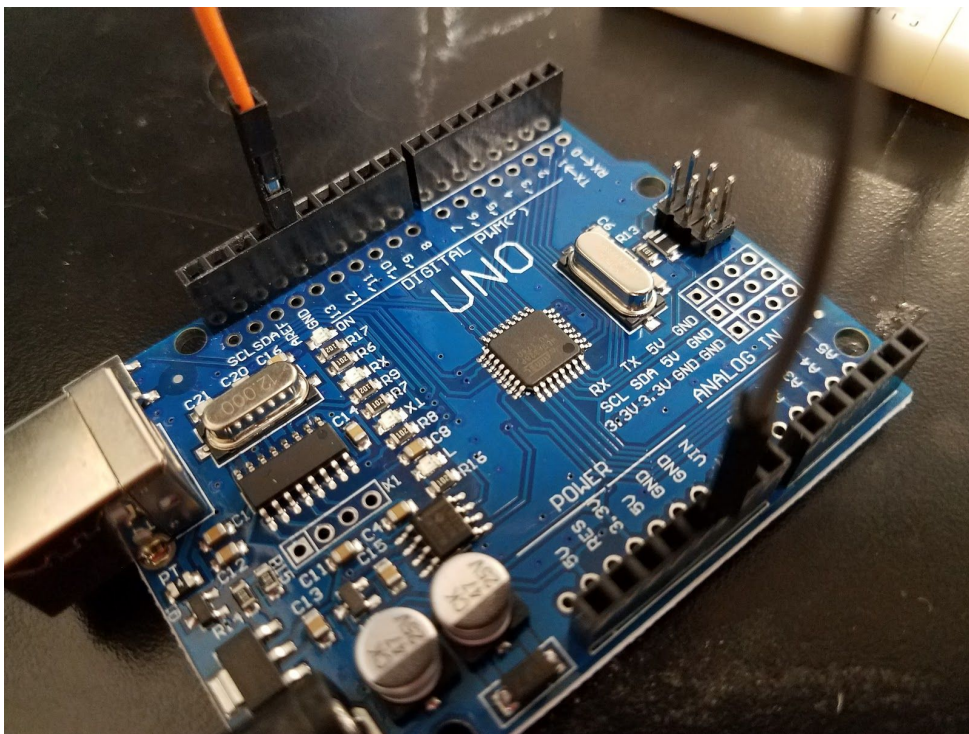
The conductive plates inside a breadboard.

Fig. 4





6.



7.