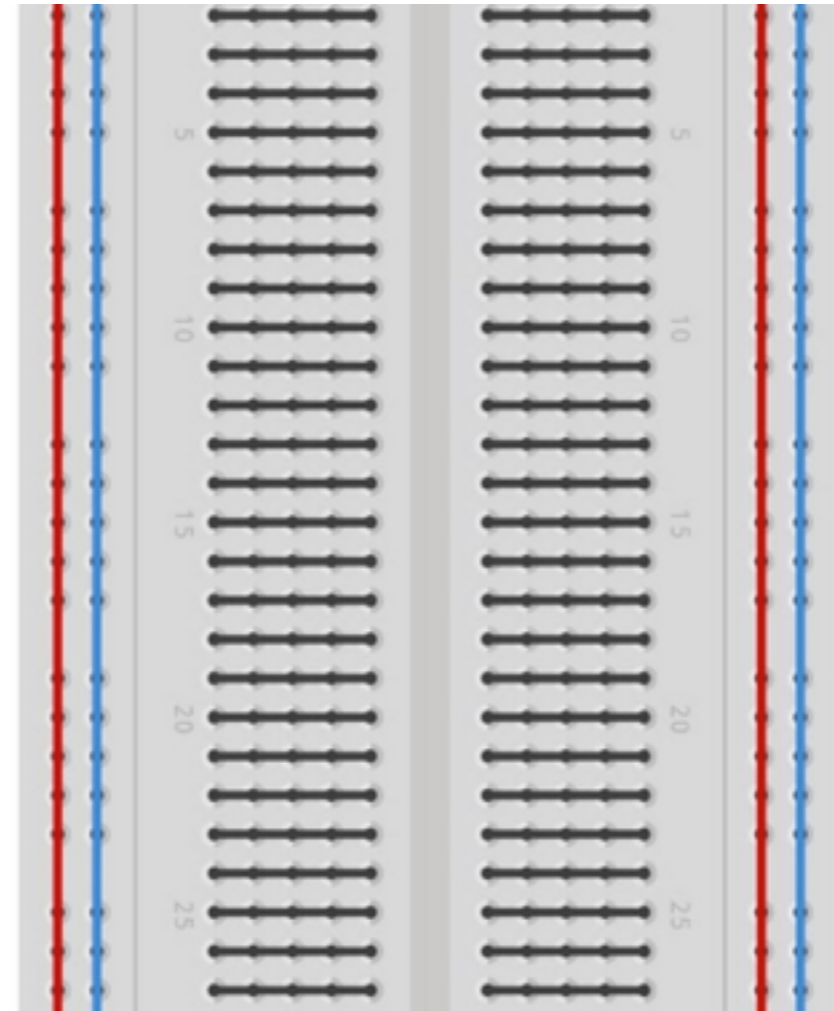# Arduino Bootcamp : Learning Through Projects
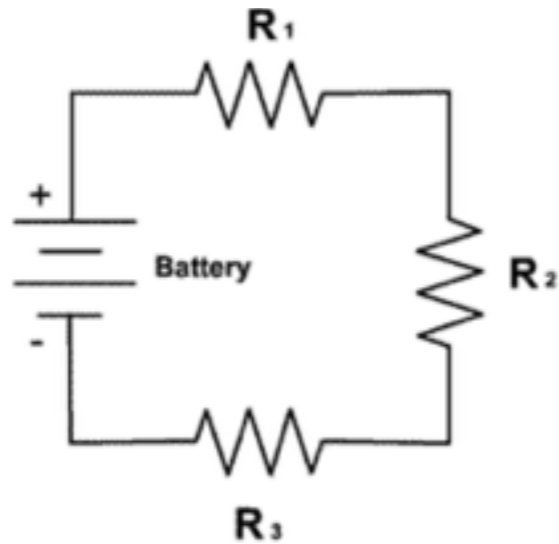
How to use a Breadboard and Basic Wiring Concepts
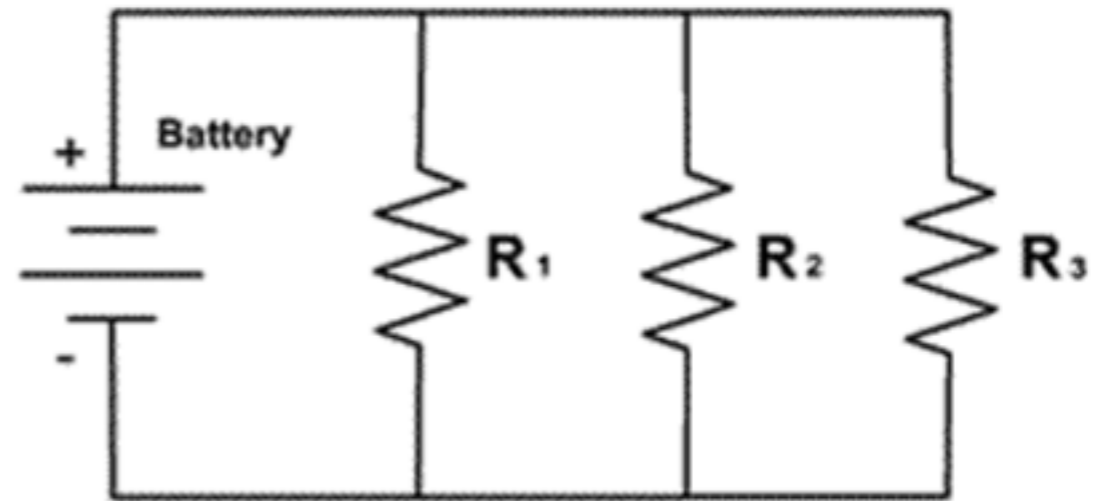
Using a Breadboard

- Used for quick prototyping

- No soldering needed

- Contains two power rails on the longest sides of the breadboard (one can be used as a positive (+ve) rail and the other a negative (-ve) rail

- There is a break in connections in the middle of the board
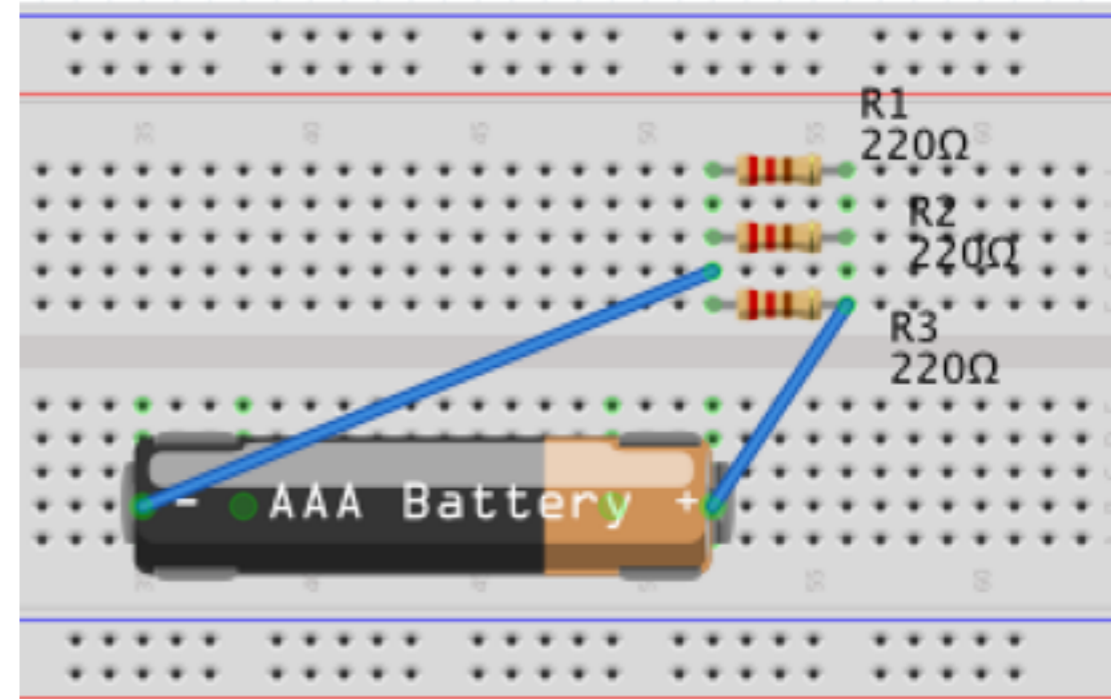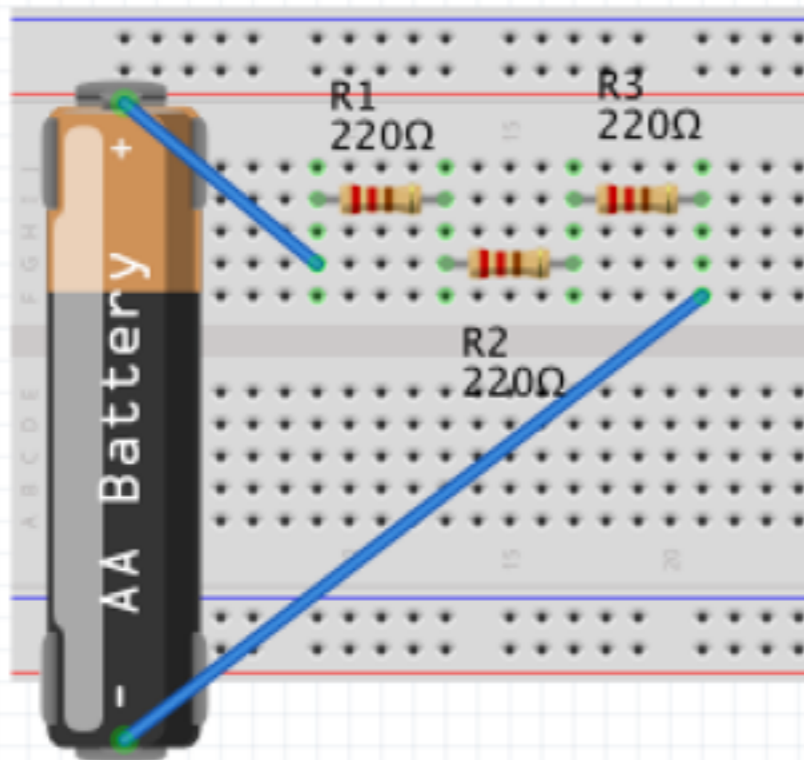
- Rows are horizontally connected

Series and Parallel Circuits

Series

Parallel

Summary

- In this lesson you learnt:

  - What are breadboards

  - How they can be used to enable quick prototyping

  - The basics of series and parallel circuits

  - How to connect these on a breadboard