**Arduíno Prático**

2º Dia

**Semana Carranca 2017.2**

Equipe de Robótica Carranca 22

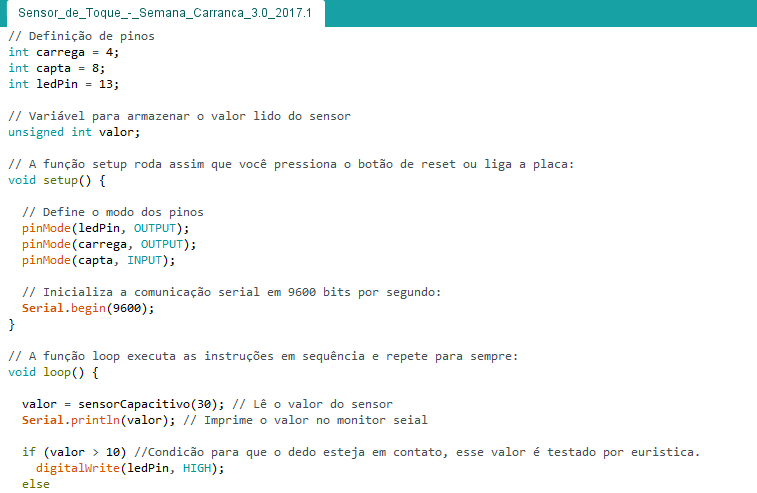
[carrancanear@gmail.com](mailto:carrancanear@gmail.com)

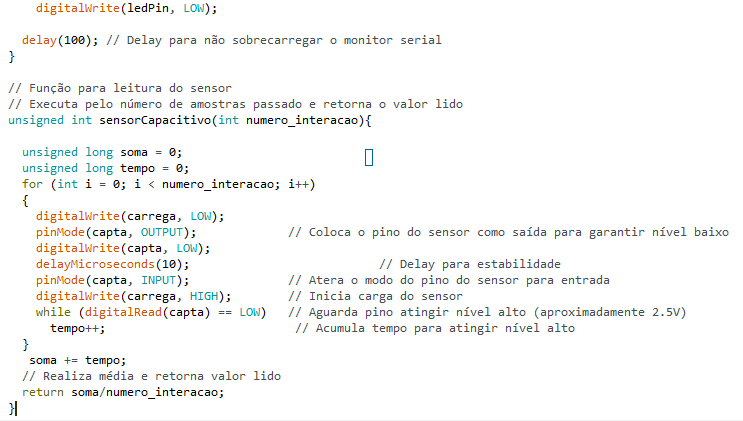
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E1) Sensor Capacitivo de Toque

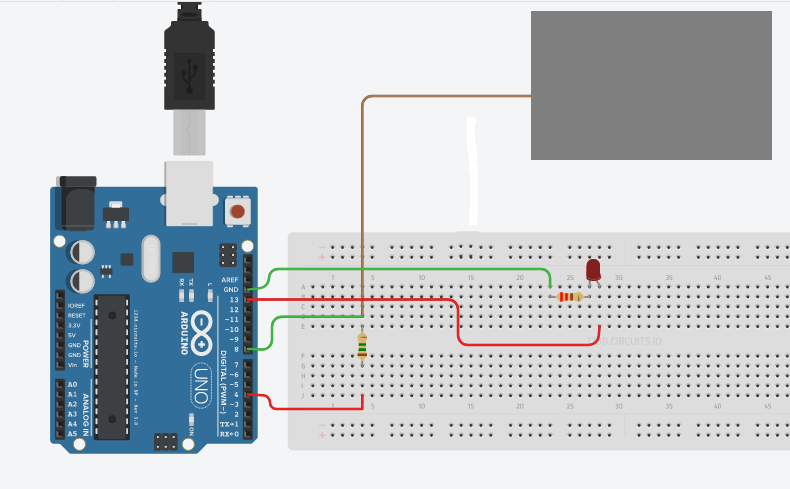
* Lista de Materiais:
* 1 – Resistor 1,5 M ohms
* 1 – Resistor 220 ohms
* 1 -- LED
* 1 -- Fios
* 1 – Objeto Metálico fino (Papel Alumínio, lata de refrigerante...)

Código E1





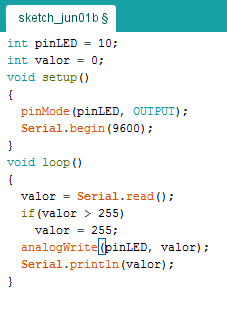
Esquema E1)

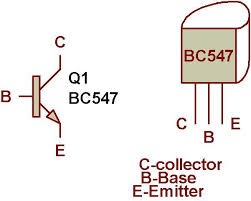


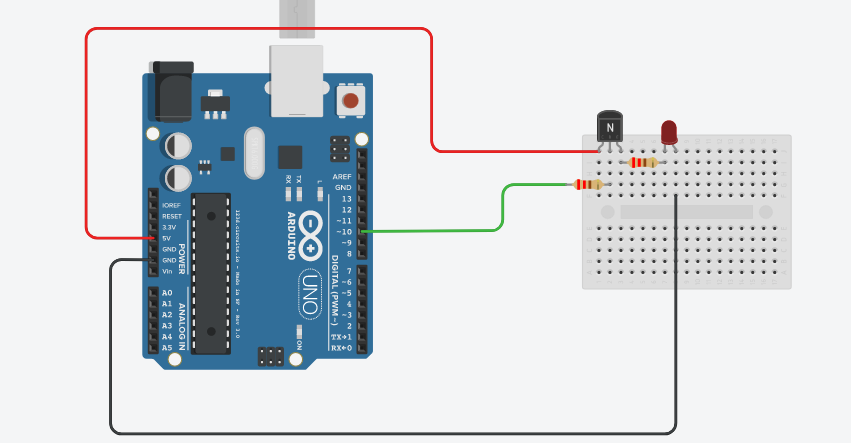
Projetos de Atuadores (Saída)

S1) Chaveando

* 2 – Resistores 220
* 1 – LED
* 1 – Transistor NPN BC547

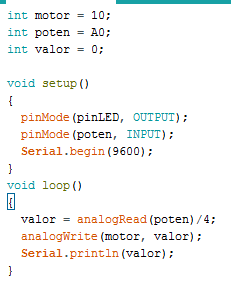


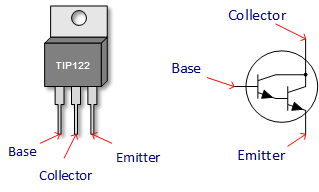


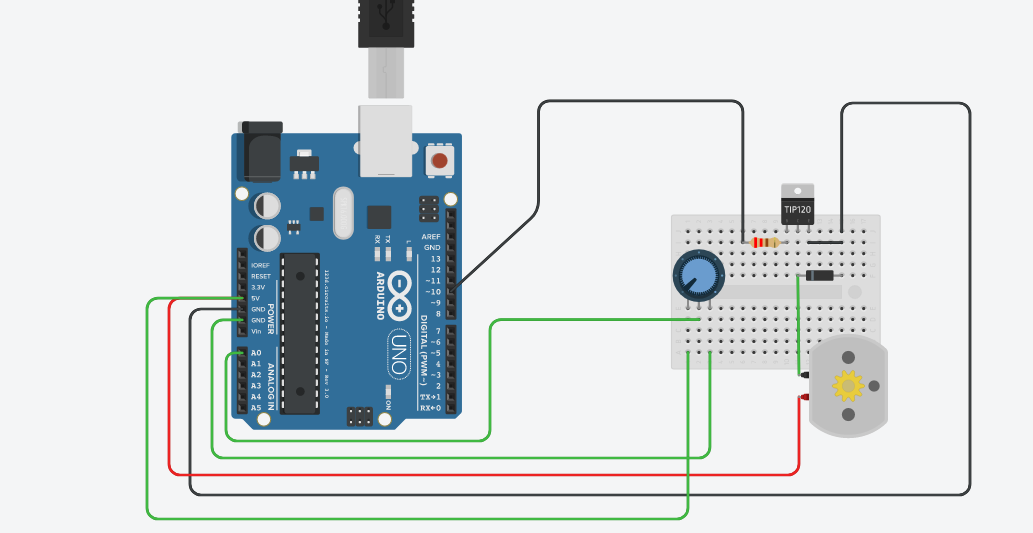


S2) Chaveando Motores

* 1 – Motor
* 1 – TIP 122
* 1 – Diodo
* 1 – Potenciômetro



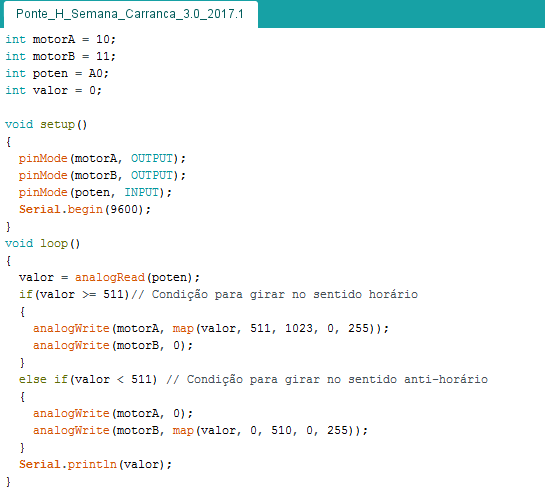




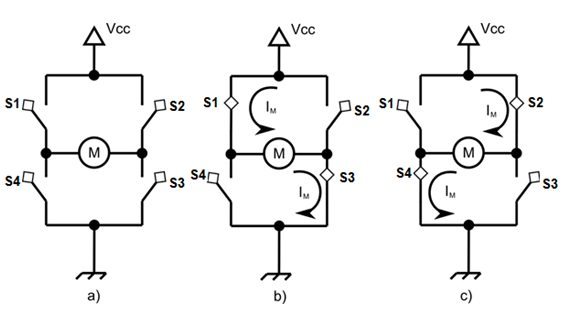
S3) Chaveando motor com Ponte H

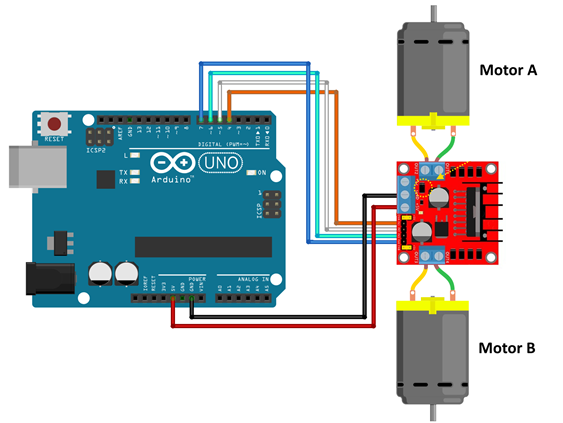
* 1 -- L298 ( Módulo Ponte H)
* 1 – Motor

Código:



Esquema:





Código Numero 2:



