Control Servos with a Thumbstick
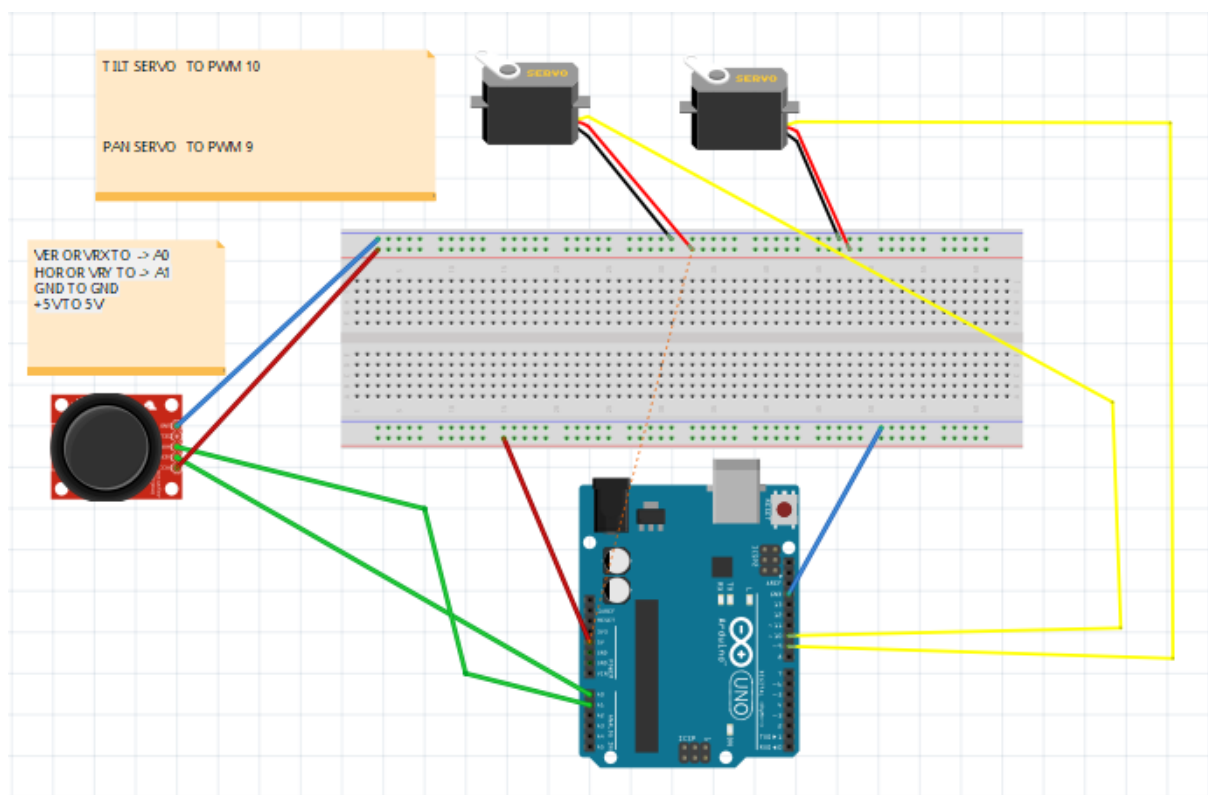
Project author: Thomas Kroon
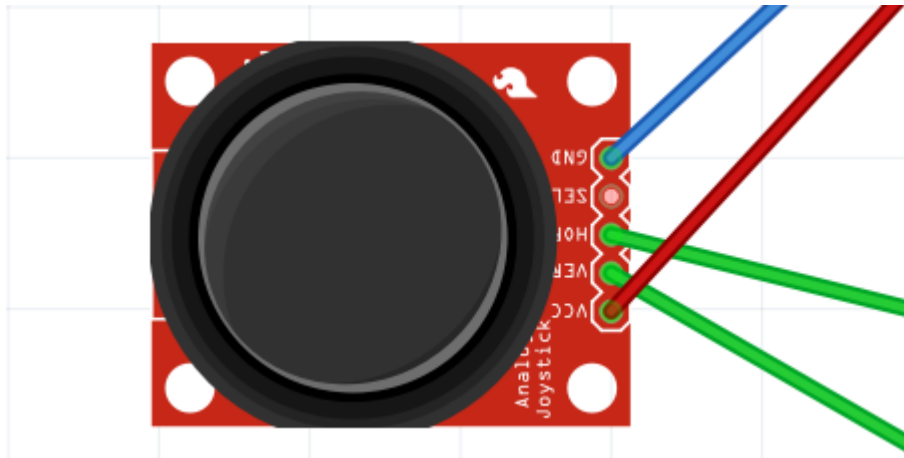
Description:

　　　Originally this project was a simple way to control two servo motors using a joystick. But in this version we're going to be modifying it.
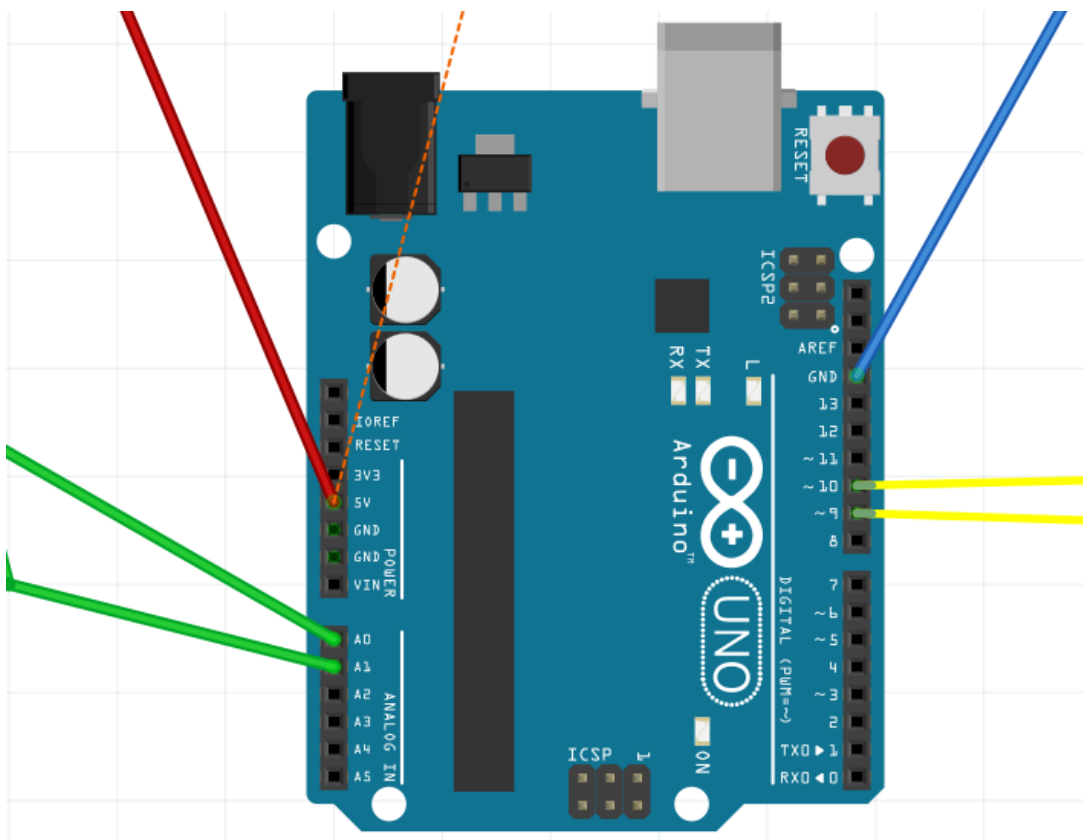
Components and Supplies:

- Arduino Uno
- Female to male and male to male jumpers
- Servos x2
- Breadboard
- Joystick
- Laser

Schematic:

Joystick

Arduino

Build:

Step 1: connect the joystick with the arduino;

VER OR VRX TO A0

HOR OR VRY TO A1

GND TO GND

+5V TO 5V

Step 2: connect servos with arduino;

                    TILT SERVO TO PWM 10
                    PAN SERVO TO PWM 9

Step 3: writing code.

Reference:

https://create.arduino.cc/projecthub/thomas-kroon/control-servos-with-a-thumbstick-arduino-cf95c8