

DUCSTeach Workshop 03 - Magic 8 Ball

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Time: 30 Minutes

People: 10 - 15 People

Materials:

- 5 Arduino Unos with 170 pin breadboard
- 5 Trigger Button with 15 wires (yellow, green, red)
- USB Type B Cable
- Laptop with Arduino IDE installed
- magic8.ino file

Steps:

1. Insert a green wire into Arduino GND.
2. Insert a yellow wire into Arduino port 2.
3. Insert a red wire into Arduino 5v.
4. Insert the other end of the green wire into A1 (the leftmost pin on the switch goes in b1)
5. Insert the other end of the yellow wire into A3 (the rightmost pin on the switch goes in b3).
6. Insert the other end of the red wire into A2.
7. When finished, connect Arduino via USB cable to IDE and load magic8.ino file.
8. Lesson Completed

