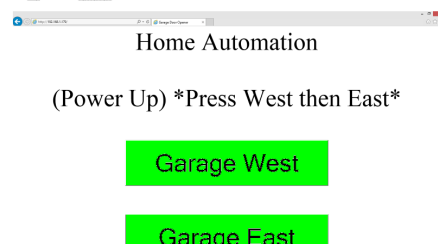### Arduino Project Setup

After hardware is obtained and program is loaded onto PC and Arduino as instructed by Part1 instructions, follow the steps below to hook up the project.

Arduino Project Assembly

1. Download HookUpGuide.pdf from www.excellentinsights.net.

2. Assemble Ethernet shield onto Arduino.

3. Connect relay to the assemble Arduino and Ethernet Shield per the HookUpGuide.pdf.

4. Connect Ethernet cable to the Ethernet Shield and connect the usb cable to pc.

5. Open Arduino complier down loaded during step 1 and open file Garage2.2.ino.

6. Update the mac address, ip address, counter1 and counter2 variables follow notes in program. Upload program onto Arduino board see Part 1: Arduino Software and Program Setup step 8, 9 & 10.

7. Go to Internet Explorer, Safari or Firefox and enter the IP address listed in the program.

8. After power up the pc or smart phone will show the following;

Home Automation

(Power Up) *Press West then East*

Garage West

Garage East

9. Press buttons as instructed. This is a safety precaution to keep the garage doors from opening after power outage. Screen will transition to running state after button sequence was successfully completed.

NOTE

Supporting files can be downloaded from www.excellentinsights.net