5V and Ground:

1. Connect the red wire (5 Volts) from the Arduino “5V” pin to a hole by the red breadboard line.
2. Connect the long blue wire (ground) from one of the Arduino “GND” pins to a hole by the blue breadboard line.

Light-Emitting Diode (LED) circuit:

1. Connect the yellow wire from Arduino pin 13 to breadboard left J16.
2. Put the longer (positive) end of the LED in left F16 and the shorter (negative) end of the LED in left F15.
3. Connect the 220 Ohm (red-red-brown) resistor from left J15 to a hole by the blue (ground) breadboard line.

Pushbutton switch circuit:

1. Connect the 22 KOhm (red-red-red) resistor from breadboard right A30 to a hole by the red (5V) breadboard line.
2. Connect the green wire from Arduino pin 2 to right B30.
3. Connect the pushbutton switch across right E30 and E32.
4. Connect the short blue wire from right A32 to a hole by the blue (ground) breadboard line.

Tips:

- Do not apply significant force when inserting a wire. (This will usually just bend the wire.) Instead, hold the wire close to the end and gently insert it. Straighten wire ends as needed.
- Double check your wiring before testing.
- Watch out for unintended wire-to-wire connections.