**#2 – Blink an LED**

This project is identical to project #1 except that we will be building it on a breadboard.  Once complete, the LED should turn on for a second and then off for a second in a loop.

**Parts Needed**

* (1) Arduino Uno
* (1) USB A-to-B Cable
* (1) Breadboard – Half Size
* (1) LED 5mm
* (1) 220 Ω Resistor
* (2) Jumper Wires

**Project Diagram**

Click Image To Enlarge

**Project Code**

1. Connect the Arduino board to your computer using the USB cable.
2. Open project code  –  **Circuit\_02\_Blink**
3. Select the board and serial port as outlined in earlier section.
4. Click upload button to send sketch to the Arduino.