

003 - Blink Five LEDs

Introduction

In this module we will connect up fives LEDs on a breadboard to an output PIN and make then flash.

Equipment

1. ESP8266 Module
2. Resistor
3. Breadboard
4. Red, Blue, Yellowm White, Green, Black and Grey Wire
5. Red, Blue, Yellow, White, Green LED

Steps

1. Connect the Wires, LEDs, Breadboard, Resister and Module up as show in diagram 2.
2. Connect the module and computer using the USB cable.
3. Load the ino file into Arduino Studio.
4. Check the Board and Port settings
5. Press the upload button
6. After the sketch is uploaded the Red LED should blink once a second

Further

1. Try blinking both the built-in LED and the Red LED together or sequence.