



SoSLUG - GPIO Starter Kit Worksheet - Blink LED

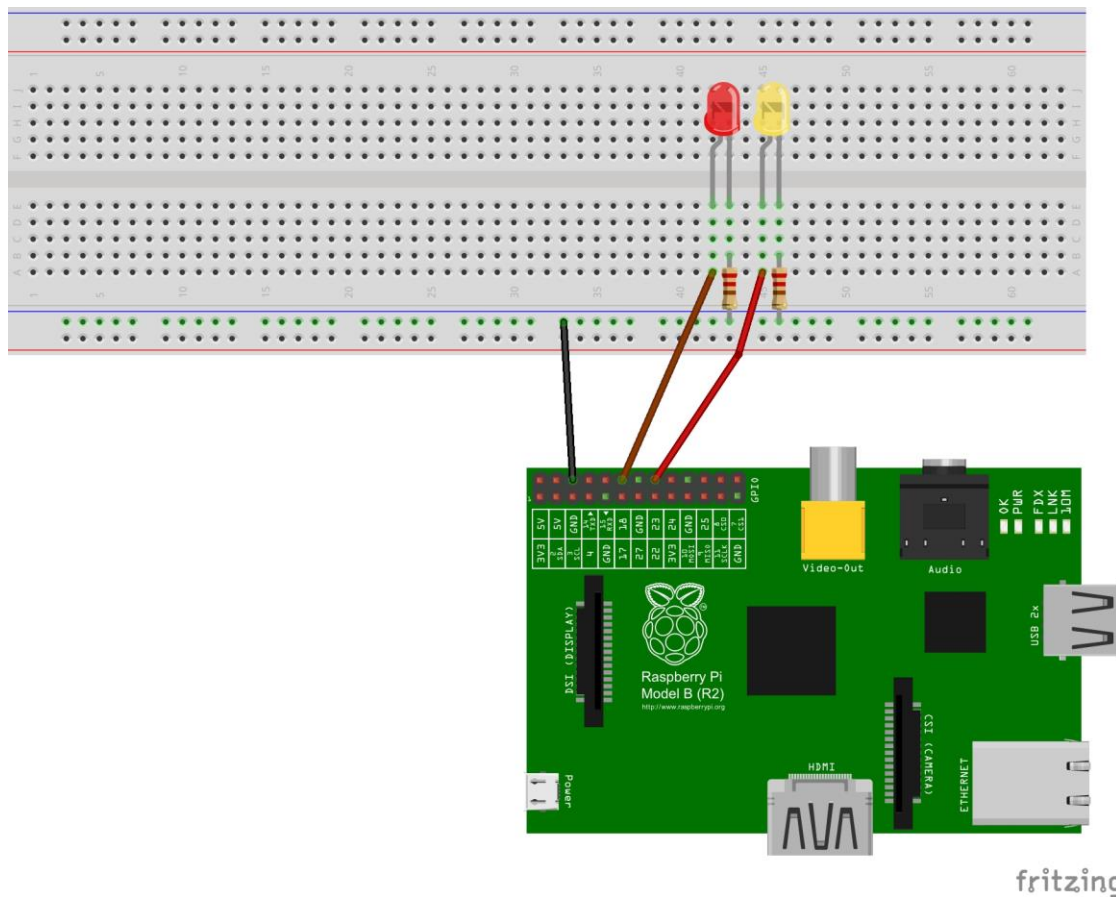
Southend-on-Sea Linux
Users Group (SoSLUG)
<http://www.soslug.org/>

OBJECTIVE

In this project we are going to make a single LED flash on and off. The LED will be on for one second and then off for one second. We will create a loop so that this happens 10 times.

HARDWARE

For this project we will need one Red LED also put in place one Yellow LED as we will use this later. Connect a 220Ω resistor in series with each LED as shown below.



DEVELOPMENT

Now that you have a working version that goes through 10 cycles, see if you can make the program flash two LED's so that one is on whilst the other is off.