SoSLUG - GPIO Starter Kit
Worksheet - Dice

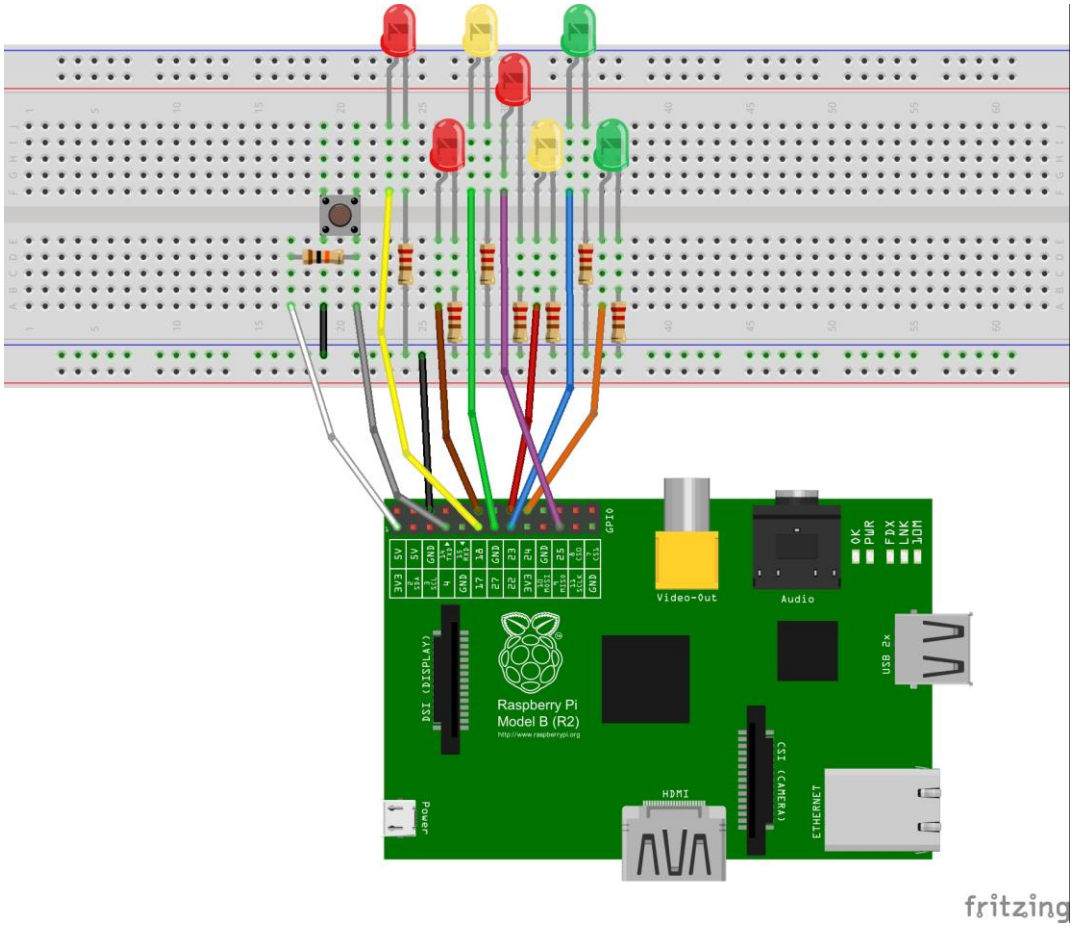
Southend-on-Sea Linux Users Group (SoSLUG)
http://www.soslug.org/

OBJECTIVE

The objective of this worksheet is to create an electronic version of the dice used in board games. The 'roll' is started by pressing a switch and a random generated number is produced and displayed on 7 LED's.

HARDWARE

For this project you will need all 7 LED's arranged in the pattern of a dice, each should have a 220Ω resistor in series. You will also need a push button and 10kΩ resistor. Arrange the components as shown.



DEVELOPMENT