1. Your goal in this lab is to use three LEDs and a switch to implement a traffic signal-like system.

2. Hint: The circuit is like project #2 of Arduino Projects Book but the behavior (code) is different. Here is a link to the project: https://www.arduino.cc/en/ArduinoStarterKit/Prj02

3. The behavior of the traffic light system should be as follows:
   - Initially only the Green light stays ON.
   - When Green is ON and the button is pressed:
     - Green stays ON for 2 seconds and then goes OFF.
     - Yellow turns ON for and stays 2 seconds and then goes OFF.
     - Red turn ON and stays like this forever (or, until the next click).
   - When the Red is ON and the button is pressed:
     - Red goes OFF immediately.
     - Green turns ON and stays like this forever (or, until next click)