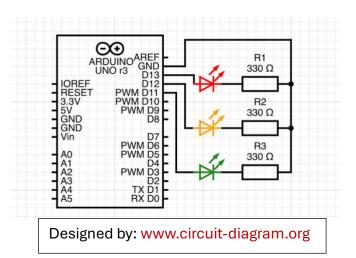
Design and Calculation for the Traffic light circuit

Voltage:

- 1- Pin13,12,11: V=5.0v
- 2- Voltage at Red led= 2.0v (1.8-2.2)
- 3- Voltage at yellow led= 2.1v (2.0-2.4)
- 4- Voltage at green led= 2.2v (2.0-3.0)

Resistant of the series resistor:

1- Rred,Ryellow,Rgreen= 330 Ohms



Current of each led: