# Team ID: PNT2022TMID00036

**Description:**

In this we are connecting three LED’s “Red” , “Amber” and “Green.” These are controlled by the raspberry pi which will first turn on the red light for 3 seconds then amber along with red for a second then only green light will glow for 5 seconds after this we will turn on the amber alone for 2 seconds after this it will be looped.

# Coding:

import RPi.GPIO as GPIO import time

import signal import sys

GPIO.setmode(GPIO.BCM)

GPIO.setup(9, GPIO.OUT) #Red led at pin 9 GPIO.setup(10, GPIO.OUT) #Amber led at pin 10 GPIO.setup(11, GPIO.OUT) #Green led at pin 11

while True: # Red

GPIO.output(9, True) time.sleep(3)

# Red and amber GPIO.output(10, True) time.sleep(1)

# Green GPIO.output(9, False) GPIO.output(10, False) GPIO.output(11, True) time.sleep(5)

# Amber GPIO.output(11, False) GPIO.output(10, True) time.sleep(2)

# Amber off (red comes on at top of loop) GPIO.output(10, False)