IBM - NALAYA THIRAN PROJECT

ROLL NO	718020L407	
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PROJECT Signs with Smart Connectivity for Better Road Safety		
ASSIGNMENT NO	3	

QUESTION: Write Python code for Blinking LED and Traffic Lights for Raspberry Pi. Only the Python code is enough and need not to execute it in the board.

PROGRAM:

import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

GPIO.setup(12, GPIO.OUT)

GPIO.setup(13, GPIO.OUT)

while True:

GPIO.output(11,True) ## Turn on redLed time.sleep(1) ## Wait for one second GPIO.output(11,False) ## Turn off redLed time.sleep(1) ## Wait for one second GPIO.output(12,True) ## Turn on yellowLed time.sleep(1) ## Wait for one second GPIO.output(12,False) ## Turn off yellowLedtime.sleep(1) ## Wait for one second GPIO.output(13,True) ## Turn on greenLed time.sleep(1) ## Wait for one second GPIO.output(13,False) ## Turn off greenLed

time.sleep(1) ## Wait for one second

OUTPUT:

