Professional Readiness Program for

**Innovation,**

**Employability and**

**Entrepreneurship**

**TRAFFIC LIGHT** **AND BLINKING LED**

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# //PROGRAM FOR TRAFFIC LIGHT

from gpiozero import Button, TrafficLights,Buzzer

from time import sleep

buzzer = Buzzer(15)

button = Button(21)

lights = TrafficLights(25, 8, 7)

while True:

button.wait\_for\_press()

buzzer.on()

light.green.on()

sleep(1)

lights.amber.on()

sleep(1)

lights.red.on()

sleep(1)

lights.off()

buzzer.off()

# //PROGRAM FOR BLINKING LED

import RPi.GPIO as GPIO from time import sleep

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BOARD)

GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW) while True:

GPIO.output(8, GPIO.HIGH) sleep(1) # Sleep for 1 second GPIO.output(8, GPIO.LOW) sleep(1)