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| DATE | 05-10-2022 |
| TEAM ID | PNT2022TMID18589 |
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| MARKS | 2 MARKS |

CODE:

import time import RPi.GPIO as GPIO GPIO.setmode(GPIO.BOARD) GPIO.setup(11, GPIO.OUT) while True:

GPIO.output(11,True) time.sleep(1) GPIO.output(11,False) time.sleep(1)

from gpiozero import Button, TrafficLights, Buzzer buzzer = Buzzer(15) button = Button(21) lights = TrafficLights(25, 8, /) while True: button.wait\_for\_press() light.green.on() sleep(1) lights.amber.on() sleep(1) lights.red.on() sleep(1) lights.off() while True: lights.on() buzzer.off() button.wait\_for() lights.off() buzzer.on() button.wait\_for\_release() while True:

lights.blink() buzzer.beep() button.wait\_for\_pres s() lights.off() buzzer.off() button.wait\_for\_rel ease()