INDUSTRY – SPECIFIC INTELLIGENCE FIRE MANAGEMENT SYSTEM

ASSIGNMENT – 3

Python code for blinking LED and Traffic lights for Raspberry pi:

CODE:

```
from gpiozero import Button, LED

button = Button(22)

led = LED(26)

/*while True:

button.wait_for_press()

led.on()

button.wait_for_release()

led.off()*/

while True:

led.blink()

button.wait_for_press()

led.off()

button.wait_for_release()

//#

from gpiozero import Button, TrafficLights

lights = TrafficLights(25, 8, 7)

while True:

button.wait_for_press()

lights.on()
```

```
button.wait_for_release()
lights.off()
while True:
lights.blink()
button.wait_for_press()
lights.off()
button.wait_for_release()
from time import sleep
/* while True:
lights.green.on()
sleep(1)
lights.amber.on()
sleep(1)
lights.red.on()
sleep(1)
lights.off() */
while True:
button.wait_for_press()
lights.green.on()
sleep(1)
lights.amber.on()
sleep(1)
lights.red.on()
sleep(1)
lights.off()
```