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| **Nalaiya Thiran**  Assignment 3     |  |  | | --- | --- | | Team ID | PNT2022TMID17521 | | Project Name | SMART SOLUTIONS FOR RAILWAYS | | NAME | TAMILMANI M |       **Q. Write a python code for blinking LED and Traffic lights for Raspberry pi.**    **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)  GPIO.output(8, GPIO.LOW) sleep(1) | |

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| **Traffic Light:**     |  | | --- | | **from** gpiozero **import** LED red = LED(22) amber = LED(27) green = LED(17) red.blink(1, 1) amber.blink(2, 2) green.blink(3, 3) | |