**ASSIGNMENT 3**

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| Date | 14 OCT 2022 |
| Team ID | PNT2022TMID47588 |
| Project Name | Smart Solutions for Railways |
| Maximum Marks |  |

Write python code for blinking LED and Traffic lights for Raspberry pi.

Only python code is enough, no need to execute in raspberry pi.

Note: you are allowed to use web search and complete the assignment.

**CODING:**

from time import sleep

led\_blue= Pin(4,Pin.OUT)

led\_white = Pin(5,Pin.OUT)

led\_red = Pin(21,Pin.OUT)

while True:

led\_blue.value(1)# to turn the LED ON

sleep(0.25)

led\_blue.value(0)# to turn the LED OFF

sleep(0.25)

led\_white.value(1)# to turn the LED ON

sleep(0.25)

led\_white.value(0)# to turn the LED OFF

sleep(0.25)

led\_red.value(1)# to turn the LED ON

sleep(0.25)

led\_red.value(0)# to turn the LED OFF

sleep(0.25)

led\_white.value(1)# to turn the LED ON

sleep(0.25)

led\_white.value(0)# to turn the LED OFF

sleep(0.25)

