**Assignment -3**

Python Programming

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| Student Name | Karthika. S |
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| Maximum Marks | 2 Marks |

**Question:**

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.

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| **Solution:** |

from gpiozero import LED

from time import sleep

red= LED(17) #pin numbers connected to Led's

aster=(22) green=(27)

while True:

red.on() #RED light

print("Red light is ON")

for i in range(100,0,-1):

print("Remaining time: ",i)

sleep(1) red.off()

aster.on() # ASTER light

print("Yellow light is ON")

for i in range(5,0,-1):

print("Remaining time: ",i)

sleep(1) aster.off()

green.on #GREEN light

print("Green light is ON")

for i in range(30,0,-1):

print("Remaining time: ",i)

sleep(1) green.off()