**MAHENDRA INSTITUTE OF TECHNOLOGY**

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|  | **Department of Computer Science and Engineering**  **Smart Farmer-IOT Enabled Smart Farming Application**  **IBM NALAIYATHIRAN**  **Assignment-3**   |  |  | | --- | --- | | **TITLE** | **Smart Farmer-IOT Enabled Smart Farming Application** | | **DOMAIN NAME** | INTERNET OF THINGS | | **TEAM ID** | PNT2022TMID17252 | | **LEADER NAME** | KARTHICKRAJA M | | **TEAM MEMBER NAME** | KAVIN M  KAVIYARASAN R  LOGANATHAN K | | **MENTOR NAME** | DIVYA BHARATHI G | |

TRAFFIC LIGHT RASBERRY PYTHON CODE

from gpiozero import LED from time import sleep

#pin numbers connected to Led's

red= LED(17)

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()