Assignment -3

Python Programming

Assignment Date	11 October 2022
Student Name	M.Mani Madhesh
Student Roll Number	910619104043
Maximum Marks	4 Marks

Question-1:

Write a python code for led blinking in raspberry pi

Solution:
import RPi.GPIO as GPIO # import Raspberry Pi GPIO library from time import sleep # import the sleep function from the module   GPIO.setwarnings(False) # Igonre warning for now GPIO.setmode(GPIO.BOARD) # Use physical pin numbering GPIO.setup(8.GPIO.OUT,initial=GPIO.LOW) # Set pin 8 to be an output.pin and set initial value to low(off)   while True: # Run forever GPIO.output(8,GPIO.HIGH) # Turn on sleep(1) # Sleep for 1 second GPIO.output(8,GPIO.LOW) # Turn off sleep (1) # Sleep for 1 second

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```python
import RPI.GPIO as GPIO # Import Raspberry Pi GPIO library
from time import sleep # Import the sleep function from the time module

GPIO.setwarnings(False) # Ignore warning for now
GPIO.setmode(GPIO.BOARD) # Use physical pin numbering
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW) # Set pin 8 to be an output pin and set initial value to low (off)

while True: # Run forever
 GPIO.output(8, GPIO.HIGH) # Turn on
 sleep(1) # Sleep for 1 second
 GPIO.output(8, GPIO.LOW) # Turn off
 sleep(1) # Sleep for 1 second
```