## 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)	
low(on)	
while True: # Run forever	
while True: # Kun Torever	
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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import RFI.GFIO as GFIO $ Import Raspherry Pi GFIO library
from time import sleep $ import the sleep function from the time module

GFIO.setwarnings(False) $ Import warning for now
GFIO.setward(GFIO.SMARD) $ Use physical pin numbering
GFIO.setward(GFIO.SMARD) $ Use physical pin numbering
GFIO.setward(B, GFIO.OWT, initial=GFIO.IOW) $ Set pin 8 to be an output pin and set initial value to low (off)

while Tune $ Run faceware
while Tune $ Run faceware
and $ GFIO.OHIGH) $ Turn on
sleep(1) $ Sleep for I second

GFIO.output(B, GFIO.IOW) $ Turn off
sleep(1) $ Sleep for I second
```