## Assignment -3

## Python Programming

| Assignment Date     | 11 October 2022  |
|---------------------|------------------|
| Student Name        | S.Mohamed Shafiq |
| Student Roll Number | 910619104046     |
| 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                                      |  |
|   |  |
| CDIO activicaming of False) # Improve warning for many  |  |
| 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        |  |
| ar io.setap(o.ar io.oo i,iiittai-ar io.eow) ii set piir o to se un output.piir and set iiittai value to |  |
| low(off)  |  |
|   |  |
| while True: # Run forever   |  |
| GPIO.output(8,GPIO.HIGH) # Turn on  |  |
| Grio.output(8,Grio.nign) # Turii 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 Raspberry Pi GFIO library
from time import sleep # Import the sleep function from the time module

GFIO.setwannings (Falle) # Import warning for now
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GFIO.setwandings (FALLE) # Unport warning for now
sleep(1) # Sleep for I second

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All Part of the sleep for I second

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sleep(1) # Sleep for I second
```