**ASSIGNMENT – 3**

**PYTHON CODE**

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| Assignment Date |  |
| Student Name |  |
| Student Roll Number |  |
| Maximum Marks | 2 Marks |

**QUESTION:**

Write a python code for blinking LED for Raspberry pi. Only python code is enough, no need to execute in raspberry pi.

**SOLUTION:**

import RPi.GPIO as GPIO

import time

GPIO.setmode(GPIO.BCM)

cnt=0

MAIL\_CHECK\_FERQ=1

RED\_LED=4

GPIO.setup(RED\_LED,GPIO.OUT)

while True:

if cnt==0:

GPIO.Output(RED\_LED,Flase)

cnt=1

else:

GPIO.output(RED\_LED,True)

cnt=0

time.sleep(MAIL\_CHECK\_FREQ)

GPIO.cleanup()