**Program1: Python program to blink LED**

import RPi.GPIO as GPIO

import time time

GPIO.setwarnings(False) GPIO.setmode(GPIO.BCM)

#assign numbering for the GPIO using BCM #GPIO.setmode(GPIO.BOARD)

#assingn number for the GPIO using Board

cnt = 0

Blink\_Time = 1

RED\_LED = 14

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

while True:

if cnt == 0 :

GPIO.output(RED\_LED, False)

cnt = 1

else:

GPIO.output(RED\_LED, True)

cnt = 0

time.sleep(Blink\_Time)

GPIO.cleanup()

**Program2: Python program to toggle two LED’s**.

import RPi.GPIO as GPIO

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BOARD)

RED\_LED = 14

GREEN\_LED = 15

GPIO.setup(RED\_LED, GPIO.OUT, initial=GPIO.LOW) GPIO.setup(GREEN\_LED, GPIO.OUT, initial=GPIO.LOW)

while True:

GPIO.output(RED\_LED, True)

GPIO.output(GREEN\_LED, False)

sleep(1)

GPIO.output(RED\_LED, False)

GPIO.output(GREEN\_LED, True)

sleep(1)

**Program3: Python program to turn ON/OFF buzzer.**

import RPi.GPIO as GPIO

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BOARD)

Buzzer = 18

GPIO.setup(Buzzer, GPIO.OUT, initial=GPIO.LOW)

while True:

GPIO.output(Buzzer, True)

sleep(1)

GPIO.output(Buzzer, False)

sleep(1)