Class – TE B

PL 3

Title – Square Wave

Input –

# SquareWave

#!/usr/bin/python

# Import standard python libraries

import sys

import os

import time

# Import GPIO part of Adafruit BBIO Library

import Adafruit\_BBIO.GPIO as GPIO

# Import ADC part of Adafruit BBIO Library

import Adafruit\_BBIO.ADC as ADC

SQW\_PIN = "P9\_21"

defSq\_wave(pin, val):

GPIO.setup(pin, GPIO.OUT)

if (val == "1"):

GPIO.output(pin, GPIO.HIGH)

else:

GPIO.output(pin, GPIO.LOW)

return

while True:

Sq\_wave(SQW\_PIN,"1")

time.sleep(0.01) # pause

Sq\_wave(SQW\_PIN,"0")

time.sleep(0.01) # pause

exit()