Practical No:- 02

# Code:-

import Adafruit\_DHT import os, sys

from time import sleep import requests

import RPi.GPIO as GPIO

baseURL = 'https://api.thingspeak.com/update?api\_key=WRITE API KEY'

SensorPin = 4 while True:

try:

print("Program is Runnung")

humi, temp = Adafruit\_DHT.read(Adafruit\_DHT.DHT11, SensorPin) if (humi > 0 ) and (temp > 0):

print(humi) print(temp) print("Data received")

x = '{}{}{}{}{}'.format(baseURL, '&field1=', temp, '&field2=', humi); y = requests.post(x)

print(y.status\_code) print(x);

sleep(5)

except:

print("Data not received") sleep(5)

# Output:-





