**ASSIGNMENT 2**

|  |
| --- |
| import RPi.GPIO as GPIO |
|  | import dht11 |
|  | import time |
|  |  |
|  | # initialize GPIO |
|  | GPIO.setwarnings(False) |
|  | GPIO.setmode(GPIO.BCM) |
|  | #GPIO.cleanup() |
|  |  |
|  | # read data using Pin GPIO21 |
|  | instance = dht11.DHT11(pin=21) |
|  |  |
|  | while True: |
|  | result = instance.read() |
|  | if result.is\_valid(): |
|  | print("Temp: %d C" % result.temperature +' '+"Humid: %d %%" % result.humidity) |
|  |  |
|  | time.sleep(1) |