SOFTWARE

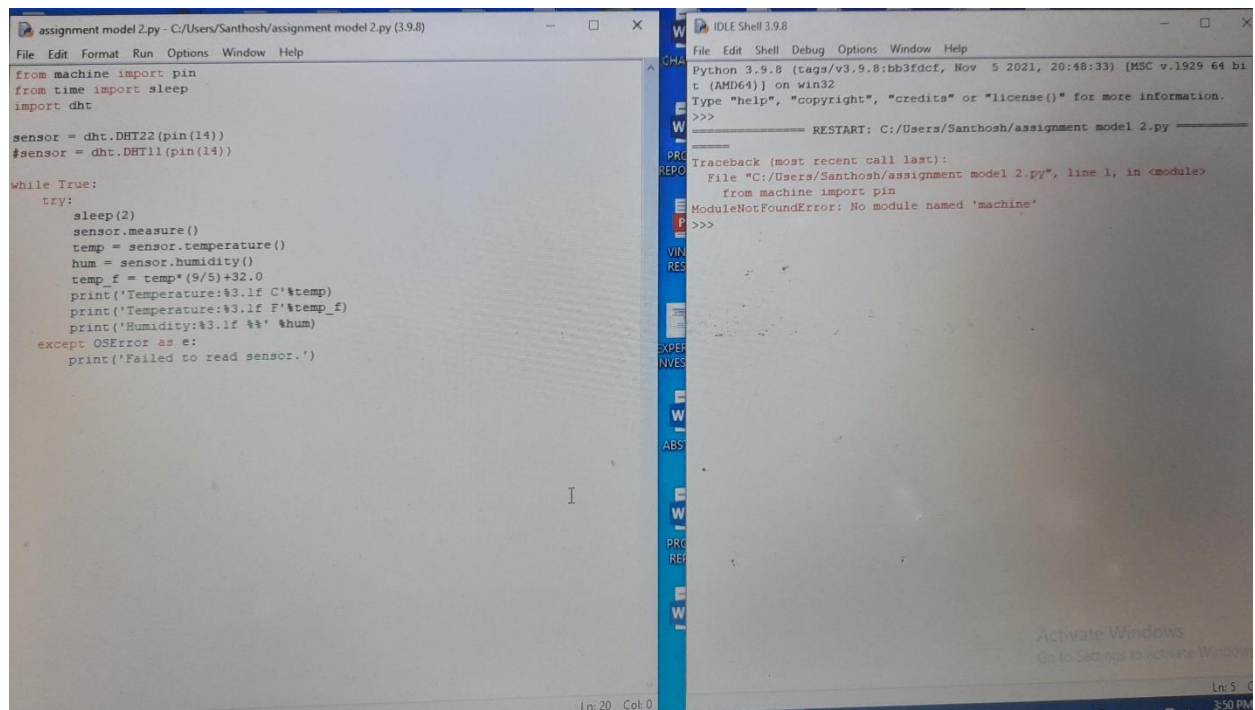**Project Name: Industry-specific intelligent fire management system**

DATE: 02 DEC 2022

TeamID: PNT2022TMID41191

Python has been installed


```python
from machine import pin
from time import sleep
import dht

sensor = dht.DHT22(pin(14))
#sensor = dht.DHT11(pin(14))

while True:
    try:
        sleep(2)
        sensor.measure()
        temp = sensor.temperature()
        hum = sensor.humidity()
        temp_f = temp*(9/5)+32.0
        print('Temperature:%3.1f C'%temp)
        print('Temperature:%3.1f F'%temp_f)
        print('Humidity:%3.1f %%' %hum)
    except OSError as e:
        print('Failed to read sensor.')
```

```
Python 3.9.8 (tags/v3.9.8:bb3fdcf, Nov  5 2021, 20:48:33) [MSC v.1929 64 bi
t (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
============ RESTART: C:/Users/Santhosh/assignment model 2.py ============

Traceback (most recent call last):
  File "C:/Users/Santhosh/assignment model 2.py", line 1, in <module>
    from machine import pin
ModuleNotFoundError: No module named 'machine'
>>>
```