```
Python 3.11.3 (tags/v3.11.3:f3909b8, Apr  4 2023, 23:49:59) [MSC v.1934 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
 import standard python modules.
import time

# import adafruit dht library.
import Adafruit_DHT

# import Adafruit IO REST client.
from Adafruit_IO import Client, Feed

... # Delay in-between sensor readings, in seconds.
... DHT_READ_TIMEOUT = 5
...
... # Pin connected to DHT22 data pin
... DHT_DATA_PIN = 26
...
... # Set to your Adafruit IO key.
... # Remember, your key is a secret,
... # so make sure not to publish it when you publish this code!
... ADAFRUIT_IO_KEY = 'aio_xWMG88jKOCcn8301BQCI6XVRKRka'
...
... # Set to your Adafruit IO username.
... # (go to https://accounts.adafruit.com to find your username).
... ADAFRUIT_IO_USERNAME = 'Mugeswari20BM001'
...
... # Create an instance of the REST client.
... aio = Client(ADAFRUIT_IO_USERNAME, ADAFRUIT_IO_KEY)
...
... # Set up Adafruit IO Feeds.
... temperature_feed = aio.feeds('temperature')
... humidity_feed = aio.feeds('humidity')
...
... # Set up DHT22 Sensor.
... dht22_sensor = Adafruit_DHT.DHT22
...
... while True:
...     humidity, temperature = Adafruit_DHT.read_retry(dht22_sensor, DHT_DATA_PIN)
...     if humidity is not None and temperature is not None:
...         print('Temp={0:0.1f}*C Humidity={1:0.1f}%'.format(temperature,
humidity))
...         # Send humidity and temperature feeds to Adafruit IO
...         temperature = '%.2f'%(temperature)
...         humidity = '%.2f'%(humidity)
...         aio.send(temperature_feed.key, str(temperature))
...         aio.send(humidity_feed.key, str(humidity))
...     else:
...         print('Failed to get DHT22 Reading, trying again in ', DHT_READ_TIMEOUT,
'seconds')
```

```
...     # Timeout to avoid flooding Adafruit IO
```