As explained previously in the phase_2 project . In this phase we are going to explain python coding related to our project

Environmental Monitoring In Park:

Environmental monitoring in a park can involve various aspects such as air quality, temperature, humidity, noise levels, and more. Here is the Python code for environmental monitoring in park

Coding:

python

```python
import random


def measure_air_quality():
    # Simulating air quality measurement
    air_quality = random.randint(0, 100)
    return air_quality


def measure_temperature():
    # Simulating temperature measurement
    temperature = random.uniform(10, 30)
    return temperature


def measure_humidity():
    # Simulating humidity measurement
    humidity = random.uniform(30, 70)
    return humidity


def measure_noise_levels():
    # Simulating noise level measurement
    noise_level = random.randint(40, 80)
    return noise_level
```

```python
# Example usage
air_quality = measure_air_quality()
temperature = measure_temperature()
humidity = measure_humidity()
noise_level = measure_noise_levels()

print("Air Quality:", air_quality)
print("Temperature:", temperature)
print("Humidity:", humidity)
print("Noise Level:", noise_level)
```

Output:

Air Quality: 3

Temperature: 25.403271111207005

Humidity: 30.900736133380175