

Project Development Phase

Project Development Template (Sprint-10)

Date	19 November 2022
Team ID	PNT2022TMID29879
Project Name	Project-Real-Time River Water Monitoring And Control Systems

Python Output for water monitoring sample test cases:

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\jee\Documents\C PROGRAM\python.py =====
Test case: 1
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 31
pH: 1
DO: 66
TSS: 2405
Manganese: 297
Copper: 1839
Ammonia & Nitrate: 91
Hardness: 593
Zinc: 68
Conductivity: 1521.49
Chloride: 44
Sulphate: 201

Test case: 2
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: -17
pH: 7
DO: 71
TSS: 2200
Manganese: 224
Copper: 1537
Ammonia & Nitrate: 34
Hardness: 970
Zinc: 58
Conductivity: 862.72
Chloride: 123
Sulphate: 379
```

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help

Test case: 3
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: -35
pH: 9
DO: 19
TSS: 2747
Manganese: 834
Copper: 1961
Ammonia & Nitrate: 2
Hardness: 254
Zinc: 78
Conductivity: 371.50
Chloride: 171
Sulphate: 597

Test case: 4
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 38
pH: 2
DO: 20
TSS: 1323
Manganese: 136
Copper: 1635
Ammonia & Nitrate: 94
Hardness: 536
Zinc: 10
Conductivity: 952.11
Chloride: 51
Sulphate: 830

Test case: 5
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 104

Ln: 61 Col: 0
```

```
Test case: 5
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 104
pH: 13
DO: 57
TSS: 1780
Manganese: 331
Copper: 142
Ammonia & Nitrate: 51
Hardness: 321
Zinc: 90
Conductivity: 1750.12
Chloride: 124
Sulphate: 189

>>>
```