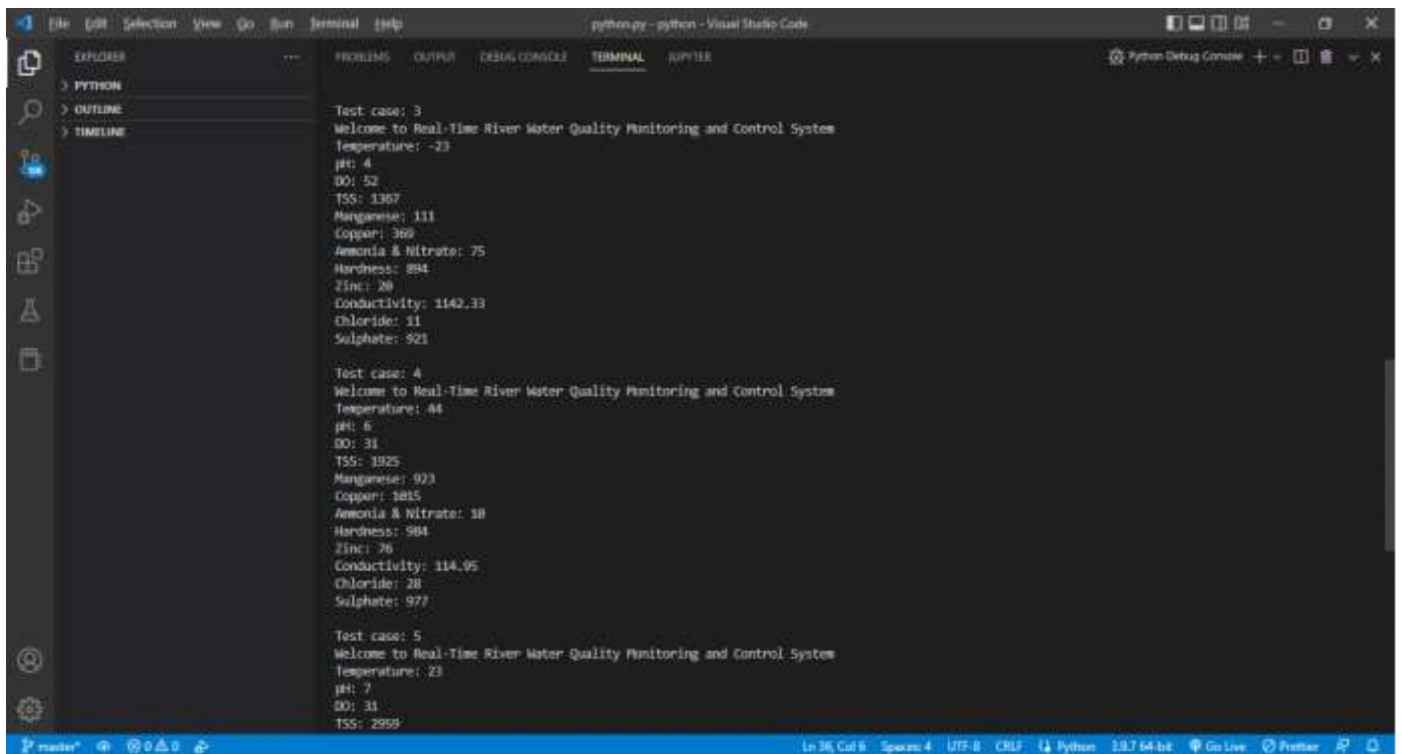


SPRINT 3

PYTHON CODE

TEAM ID	PNT2022TMID54363
PROJECT TITLE	Real-Time River Water Quality Monitoring and Control System
TEAM LEADER	Kumaran S
TEAM MEMBER	Meiyarasu V
TEAM MEMBER	Poovarasan M
TEAM MEMBER	Karthik Madhan

OUTPUT



```
python.py - python - Visual Studio Code
Python Debug Console
EXPLORER
PYTHON
OUTLINE
TIMELINE
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
JUPYTER

Test case: 3
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: -23
pH: 4
DO: 52
TSS: 1367
Manganese: 111
Copper: 369
Ammonia & Nitrate: 75
Hardness: 894
Zinc: 20
Conductivity: 1142.33
Chloride: 11
Sulphate: 921

Test case: 4
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 44
pH: 6
DO: 31
TSS: 1925
Manganese: 923
Copper: 1815
Ammonia & Nitrate: 18
Hardness: 984
Zinc: 26
Conductivity: 114.95
Chloride: 28
Sulphate: 977

Test case: 5
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 23
pH: 7
DO: 31
TSS: 2959

Ln 36, Col 6 - Spaces: 4 - UTF-8 - CRLF - Python 3.9.7 64-bit - Go Live - Profiler
```

```
python.py - python - Visual Studio Code

EXPLORER
> PYTHON
> OUTLINE
> TIMELINE

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Test case: 3
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: -23
pH: 4
DO: 52
TSS: 1367
Manganese: 111
Copper: 369
Ammonia & Nitrate: 75
Hardness: 894
Zinc: 20
Conductivity: 1142.33
Chloride: 11
Sulphate: 921

Test case: 4
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 44
pH: 6
DO: 31
TSS: 1925
Manganese: 923
Copper: 1815
Ammonia & Nitrate: 18
Hardness: 864
Zinc: 76
Conductivity: 114.95
Chloride: 28
Sulphate: 977

Test case: 5
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 23
pH: 7
DO: 31
TSS: 2999

Ln 36, Col 6   Spaces: 4   UTF-8   CR/LF   Python 3.9.7 64-bit   Go Live   Prettier
```

```
python.py - python - Visual Studio Code

EXPLORER
> PYTHON
> OUTLINE
> TIMELINE

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Copper: 369
Ammonia & Nitrate: 75
Hardness: 894
Zinc: 20
Conductivity: 1142.33
Chloride: 11
Sulphate: 921

Test case: 4
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 44
pH: 6
DO: 31
TSS: 1925
Manganese: 923
Copper: 1815
Ammonia & Nitrate: 18
Hardness: 864
Zinc: 76
Conductivity: 114.95
Chloride: 28
Sulphate: 977

Test case: 5
Welcome to Real-Time River Water Quality Monitoring and Control System
Temperature: 23
pH: 7
DO: 31
TSS: 2999
Manganese: 188
Copper: 1429
Ammonia & Nitrate: 49
Hardness: 864
Zinc: 10
Conductivity: 318.45
Chloride: 34
Sulphate: 908

Ln 36, Col 6   Spaces: 4   UTF-8   CR/LF   Python 3.9.7 64-bit   Go Live   Prettier
```