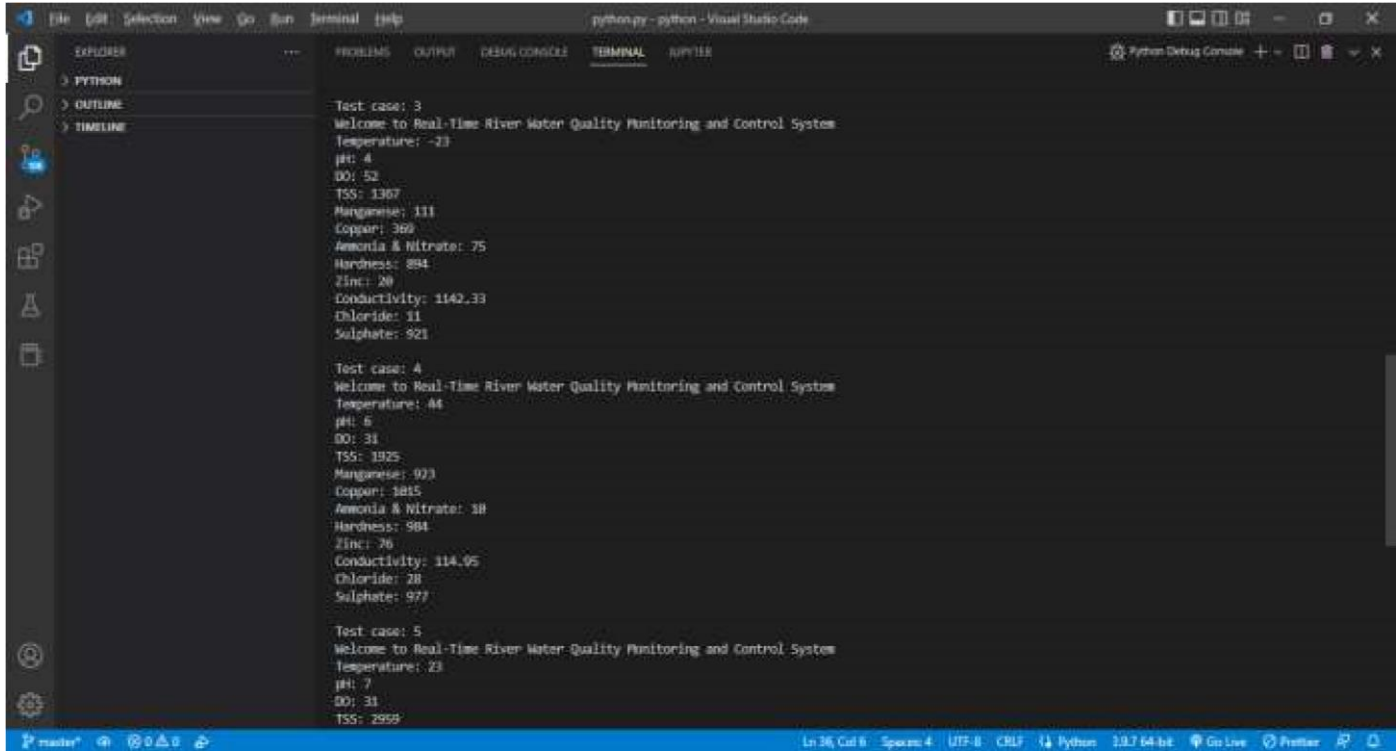


SPRINT 3

PYTHON CODE

TEAM ID	PNT2022TMI44500
PROJECT TITLE	Real-Time River Water Quality Monitoring and Controlling system
TEAM LEADER	JEEVIKA R
TEAM MEMBER	JAISRI S
TEAM MEMBER	LOGALAKSHMI S
TEAM MEMBER	NEHRU V
TEAM MEMBER	SIVARANJANI M

OUTPUT



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

EXPLORER
> PYTHON
> OUTLINE
> TIMELINE

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python Debug Console

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: 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 8  Spaces: 4  UTF-8  CRLF  Python  3.8.7 64-bit  Go Live  Prettier
```

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

EXPLORE  PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PYTHON
> PYTHON
> OUTLINE
> TIMELINE

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: 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: 2958

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

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

EXPLORE  PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PYTHON
> PYTHON
> OUTLINE
> TIMELINE

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: 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: 2958
Manganese: 188
Copper: 1429
Ammonia & Nitrate: 49
Hardness: 864
Zinc: 10
Conductivity: 318.45
Chloride: 34
Sulphate: 998

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