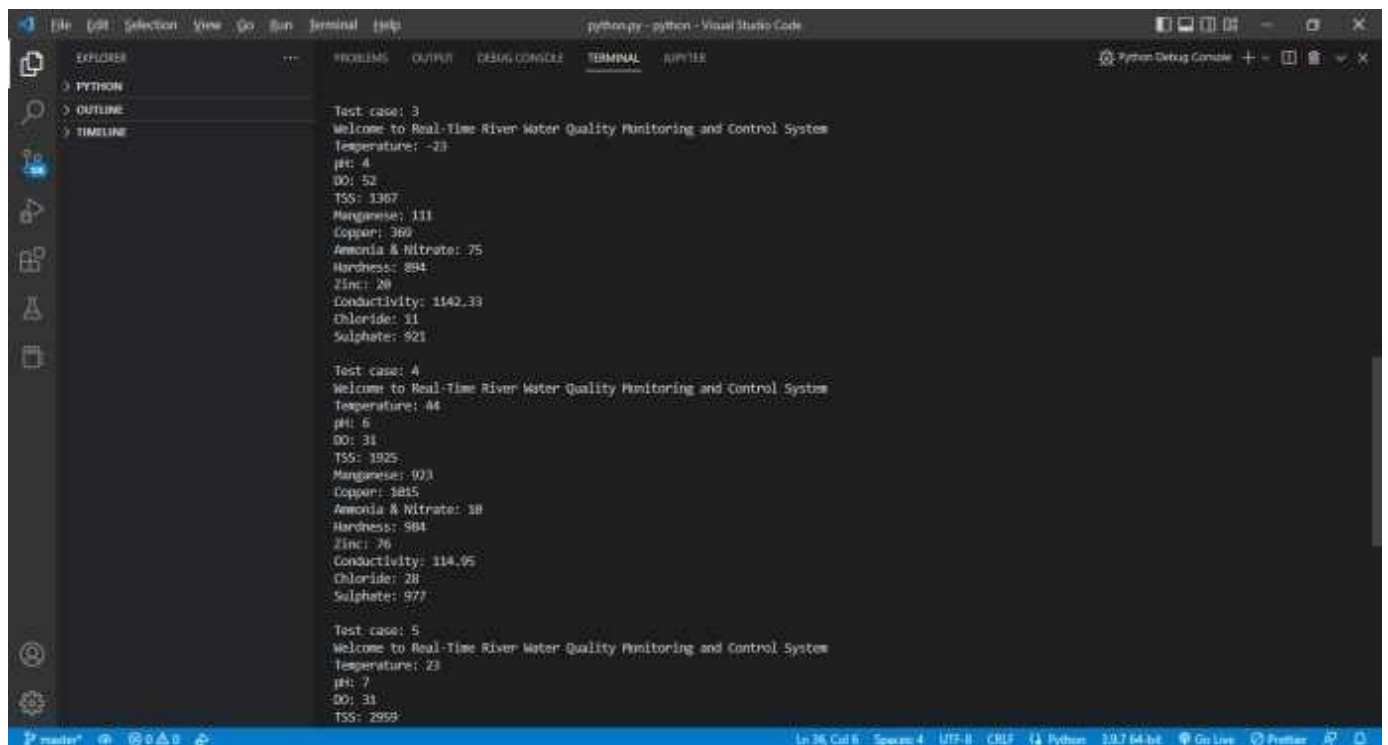


SPRINT 3

PYTHON CODE

TEAM ID	PNT2022TMID19880
PROJECT TITLE	Real-Time River Water Quality Monitoring and Controlling system
DATE	Nov 2022

OUTPUT



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

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: 973
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: 2959
```

```
File Edit Selection View Go Run Terminal Help
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: 3815
Ammonia & Nitrate: 10
Hardness: 894
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: 2959

Ln 36, Col 8 | Spaces: 4 | UTF-8 | CRUF | Python | 19.7.64-bit | Go Live | Profile |
```

```
File Edit Selection View Go Run Terminal Help
python.py - python - Visual Studio Code

EXPLORER
> PYTHON
> OUTLINE
> TIMELINE

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python Debug Console

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: 3815
Ammonia & Nitrate: 10
Hardness: 894
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: 2959
Manganese: 180
Copper: 1429
Ammonia & Nitrate: 49
Hardness: 894
Zinc: 10
Conductivity: 318.45
Chloride: 34
Sulphate: 990

Ln 36, Col 8 | Spaces: 4 | UTF-8 | CRUF | Python | 19.7.64-bit | Go Live | Profile |
```