

PYTHON OUTPUT:

```
File Edit Shell Debug Options Window Help
except Published Temperature = 0 C ph = 1 % turbidity = 58 NTU to IBM Watson
Published Temperature = 27 C ph = 11 % turbidity = 4 NTU to IBM Watson
Published Temperature = 43 C ph = 14 % turbidity = 33 NTU to IBM Watson
# Conn Published Temperature = 8 C ph = 13 % turbidity = 32 NTU to IBM Watson
device Published Temperature = 68 C ph = 3 % turbidity = 77 NTU to IBM Watson
Published Temperature = 80 C ph = 14 % turbidity = 62 NTU to IBM Watson
while Published Temperature = 51 C ph = 0 % turbidity = 15 NTU to IBM Watson
Published Temperature = 52 C ph = 5 % turbidity = 86 NTU to IBM Watson
Published Temperature = 87 C ph = 0 % turbidity = 75 NTU to IBM Watson
Published Temperature = 64 C ph = 9 % turbidity = 24 NTU to IBM Watson
Published Temperature = 89 C ph = 13 % turbidity = 11 NTU to IBM Watson
Published Temperature = 42 C ph = 10 % turbidity = 45 NTU to IBM Watson
Published Temperature = 41 C ph = 3 % turbidity = 10 NTU to IBM Watson
Published Temperature = 50 C ph = 11 % turbidity = 46 NTU to IBM Watson
Published Temperature = 100 C ph = 5 % turbidity = 53 NTU to IBM Watson
Published Temperature = 34 C ph = 10 % turbidity = 48 NTU to IBM Watson
Published Temperature = 38 C ph = 11 % turbidity = 1 NTU to IBM Watson
Published Temperature = 68 C ph = 3 % turbidity = 63 NTU to IBM Watson
Published Temperature = 38 C ph = 14 % turbidity = 44 NTU to IBM Watson
Published Temperature = 88 C ph = 2 % turbidity = 66 NTU to IBM Watson
Published Temperature = 9 C ph = 13 % turbidity = 22 NTU to IBM Watson
Published Temperature = 40 C ph = 2 % turbidity = 8 NTU to IBM Watson
Published Temperature = 42 C ph = 10 % turbidity = 19 NTU to IBM Watson
Published Temperature = 12 C ph = 5 % turbidity = 21 NTU to IBM Watson
Published Temperature = 100 C ph = 0 % turbidity = 21 NTU to IBM Watson
# Disc Published Temperature = 54 C ph = 2 % turbidity = 8 NTU to IBM Watson
device Published Temperature = 26 C ph = 10 % turbidity = 78 NTU to IBM Watson
Published Temperature = 41 C ph = 4 % turbidity = 9 NTU to IBM Watson
Published Temperature = 78 C ph = 3 % turbidity = 15 NTU to IBM Watson
Published Temperature = 67 C ph = 7 % turbidity = 84 NTU to IBM Watson
Ln: 64 Col: 0
```

```
File Edit Shell Debug Options Window Help
except Published Temperature = 43 C ph = 14 % turbidity = 33 NTU to IBM Watson
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Published Temperature = 67 C ph = 7 % turbidity = 84 NTU to IBM Watson
Published Temperature = 57 C ph = 7 % turbidity = 58 NTU to IBM Watson
Published Temperature = 71 C ph = 2 % turbidity = 3 NTU to IBM Watson
Ln: 64 Col: 0
```

PYTHON CODE CONNECTED TO IBM WATSON:

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By
>	123456	Connected	riverwaterquality-22_23	Device	Oct 28, 2022 1:47 AM		815119106025@smartinternz.com
>	6789	Disconnected	distance_hcsr04	Device	Oct 29, 2022 9:07 PM		815119106025@smartinternz.com
>	riverwaterquality-22_23_1	Connected	riverwaterquality-22_23	Device	Nov 9, 2022 5:44 AM		815119106025@smartinternz.com
>	rv07c6	Disconnected	b11m3edevicelid	Device	Oct 9, 2022 9:52 PM		815119106025@smartinternz.com

Items per page 50 | 1-4 of 4 items

1 of 1 page

2 Simulations running

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By
>	123456	Connected	riverwaterquality-22_23	Device	Oct 28, 2022 1:47 AM		815119106025@smartinternz.com
>	6789	Disconnected	distance_hcsr04	Device	Oct 29, 2022 9:07 PM		815119106025@smartinternz.com
▼	riverwaterquality-22_23_1	Connected	riverwaterquality-22_23	Device	Nov 9, 2022 5:44 AM		815119106025@smartinternz.com
>	rv07c6	Disconnected	b11m3edevicelid	Device	Oct 9, 2022 9:52 PM		815119106025@smartinternz.com

Items per page 50 | 1-4 of 4 items

2 Simulations running

riverwaterquality-22_23_1

Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
Data	{\"Temperature\":81,\"PH\":1,\"Turbidity\":19}	json	a few seconds ago
Data	{\"Temperature\":92,\"PH\":10,\"Turbidity\":73}	json	a few seconds ago