

PUBLISH_DATA_IBM-CLOUD

The image displays a development environment on the left and the IBM Watson IoT Platform interface on the right.

Left Panel (Development Environment):

- Project:** Test_Python_3.7.4
- Files:** d_hwklec_Microcontroller_Device_1_00002.log, main.py, Test_python_3.7.4.py
- Code (Test_python_3.7.4.py):**

```
pH = random.r
turbidity = random.randint(1,
temperature = random.randint(0,
data = {'pH': pH, 'turbid': tur
# print(data)
def myOnPublishCallback():
while True
```
- Run Output:**

```
Published pH= 4 Turbidity:242 Temperature:71
Published pH= 12 Turbidity:564 Temperature:54
Published pH= 2 Turbidity:571 Temperature:98
Published pH= 7 Turbidity:677 Temperature:65
Published pH= 8 Turbidity:352 Temperature:13
Published pH= 5 Turbidity:862 Temperature:88
Published pH= 3 Turbidity:834 Temperature:7
Published pH= 9 Turbidity:213 Temperature:89
Published pH= 14 Turbidity:677 Temperature:22
Published pH= 11 Turbidity:292 Temperature:160
Published pH= 2 Turbidity:53 Temperature:21
Published pH= 6 Turbidity:499 Temperature:69
Published pH= 11 Turbidity:238 Temperature:26
Published pH= 2 Turbidity:443 Temperature:43
Published pH= 6 Turbidity:986 Temperature:91
Published pH= 5 Turbidity:593 Temperature:85
Published pH= 14 Turbidity:308 Temperature:86
Published pH= 4 Turbidity:532 Temperature:8
```

Right Panel (IBM Watson IoT Platform):

- Navigation:** Browse, Action, Device Types, Interfaces, Add Device (+)
- Text:** The recent events listed show the live stream of data that is coming an
- Table:**

Event	Value
demo	{"pH":12,"turbid":93,"temp":87}
demo	{"pH":7,"turbid":873,"temp":94}
demo	{"pH":3,"turbid":204,"temp":19}
demo	{"pH":11,"turbid":304,"temp":77}
demo	{"pH":13,"turbid":16,"temp":50}
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