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1 /Users/neeraj/PyCharmMiscProject/.venv/
  bin/python /Users/neeraj/
  PyCharmMiscProject/script1.py
2 /Users/neeraj/PyCharmMiscProject/script1
  .py:76: DeprecationWarning: Callback API
    version 1 is deprecated, update to
    latest version
3 client = mqtt.Client()
4
5 --- MENU ---
6 1. Show latest sensor data from a
  station
7 2. Show last 5 hours of data for a
  sensor type
8 3. Exit
9 Enter choice:      Connected to broker
10 1
11 Enter station ID:      Received from
  station_A1: {'station_id': 'station_A1
', 'temperature': 28.52, 'humidity': 70.
66, 'co2': 1497.27, 'timestamp':
datetime.datetime(2025, 3, 23, 14, 36,
58)}
12 station_A1
13
14 Latest data for station 'station_A1':
15 {
16     "station_id": "station_A1",
17     "temperature": 28.52,
18     "humidity": 70.66,
19     "co2": 1497.27,
20     "timestamp": "2025-03-23 14:36:58"
21 }
```

```
22
23 --- MENU ---
24 1. Show latest sensor data from a
    station
25 2. Show last 5 hours of data for a
    sensor type
26 3. Exit
27 Enter choice:      Received from
    station_A1: {'station_id': 'station_A1
    ', 'temperature': 5.19, 'humidity': 20.
    24, 'co2': 632.82, 'timestamp': datetime
    .datetime(2025, 3, 23, 14, 37, 8)}
28
```