

```

  iTerm2 Shell Edit View Session Scripts Profiles Toolkit Window Help
  Default (-zsh)
(base) <23:57:34>rdx:501@freiheit.local[~/study/goit/repos/goitneo-de-hw-05](tty005)
>> python ./create-topics.py
[Info] Kafka topics have been created successfully.
[Info] List of topics with the prefix:
- oleg_building_sensors
- oleg_temperature_alerts
- oleg_humidity_alerts
(base) <23:57:39>rdx:501@freiheit.local[~/study/goit/repos/goitneo-de-hw-05](tty005)
>>

```

```

  main + * t1   % -zsh   ⌘ rdx   □ ~/study/goit/repos/goitneo-de-hw-05   □ freiheit.local   ⚒ 06/12, 08:00
  ● ● ●  Terminal Default (-zsh)
  "message": "Temperature exceeds threshold!"
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "Temperature alert: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 43.22,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "Humidity alert: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 83.63,
  "message": "Humidity out of range!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "Temperature alert: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 44.78,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:27Z", "level": "INFO", "message": "The script is stopped by the user."}
{"timestamp": "2024-12-05T22:00:34Z", "level": "INFO", "message": "BrokerConnection node_id=1001 host=<77.81.230.104>:9092 <connected> [IPv4 (<77.81.230.104>, 9092)]>: Closing connection."}
(base) <0:00:34>rdx:501@freiheit.local[~/study/goit/repos/goitneo-de-hw-05](tty006)
>> python ./process-data-from-topics.py

```

```

  main + * t1   % -zsh   ⌘ rdx   □ ~/study/goit/repos/goitneo-de-hw-05   □ freiheit.local   ⚒ 06/12, 08:00
  ● ● ●  Terminal Default (-zsh)
  "timestamp": "2024-12-05T21:59:07Z",
  "value": 41.07,
  "message": "Temperature exceeds threshold!"
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 43.22,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 83.63,
  "message": "Humidity out of range!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 44.78,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:27Z", "level": "INFO", "message": "The script is stopped by the user."}
(base) <0:00:33>rdx:501@freiheit.local[~/study/goit/repos/goitneo-de-hw-05](tty007)
>> python ./receive-alerts-from-topics.py

```

```

  iTerm2 Shell Edit View Session Scripts Profiles Toolkit Window Help
  Default (-zsh)
(base) <23:57:34>rdx:501@freiheit.local[~/study/goit/repos/goitneo-de-hw-05](tty005)
>> python ./create-topics.py
[Info] Kafka topics have been created successfully.
[Info] List of topics with the prefix:
- oleg_building_sensors
- oleg_temperature_alerts
- oleg_humidity_alerts
(base) <23:57:39>rdx:501@freiheit.local[~/study/goit/repos/goitneo-de-hw-05](tty005)
>>

```

```

  main + * t1   % -zsh   ⌘ rdx   □ ~/study/goit/repos/goitneo-de-hw-05   □ freiheit.local   ⚒ 05/12, 23:59
  ● ● ●  Terminal Default (python)
  "temperature": 42.28,
  "humidity": 73.19
}
{"timestamp": "2024-12-05T21:59:07Z", "level": "INFO", "message": "topic_id: [oleg_building_sensors], data: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:07Z",
  "value": 41.07,
  "humidity": 59.18
}"
}
{"timestamp": "2024-12-05T21:59:12Z", "level": "INFO", "message": "topic_id: [oleg_building_sensors], data: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:12Z",
  "temperature": 30.34,
  "humidity": 63.59
}"
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "INFO", "message": "topic_id: [oleg_building_sensors], data: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "temperature": 43.22,
  "humidity": 83.63
}"
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "INFO", "message": "topic_id: [oleg_building_sensors], data: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 41.07,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "INFO", "message": "topic_id: [oleg_building_sensors], data: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 42.28,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "INFO", "message": "topic_id: [oleg_building_sensors], data: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 43.22,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "INFO", "message": "topic_id: [oleg_humidity_alerts], data: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 83.63,
  "message": "Humidity out of range!"}
"
}

```

```

  main + * t1   % python -zsh   ⌘ rdx   □ ~/study/goit/repos/goitneo-de-hw-05   □ freiheit.local   ⚒ 05/12, 23:59
  ● ● ●  Terminal Default (python)
  ^[{"timestamp": "2024-12-05T21:59:02Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:01Z",
  "value": 42.28,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:07Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:07Z",
  "value": 41.07,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:12Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:12Z",
  "value": 41.07,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 42.28,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 43.22,
  "message": "Temperature exceeds threshold!"}
}
{"timestamp": "2024-12-05T21:59:17Z", "level": "WARNING", "message": "A notification has been received: {
  "sensor_id": "763f462410def4d3e8537970be76f3ab5d018bb",
  "timestamp": "2024-12-05T21:59:17Z",
  "value": 83.63,
  "message": "Humidity out of range!"}
"
}

```

```

  main + * t1   % -zsh   ⌘ rdx   □ ~/study/goit/repos/goitneo-de-hw-05   □ freiheit.local   ⚒ 06/12, 00:04
  >> python ./delete-topics.py
[Info] Topics deleted successfully: oleg_building_sensors, oleg_temperature_alerts, oleg_humidity_alerts
(base) <0:04:05>rdx:501@freiheit.local[~/study/goit/repos/goitneo-de-hw-05](tty008)
>>

```