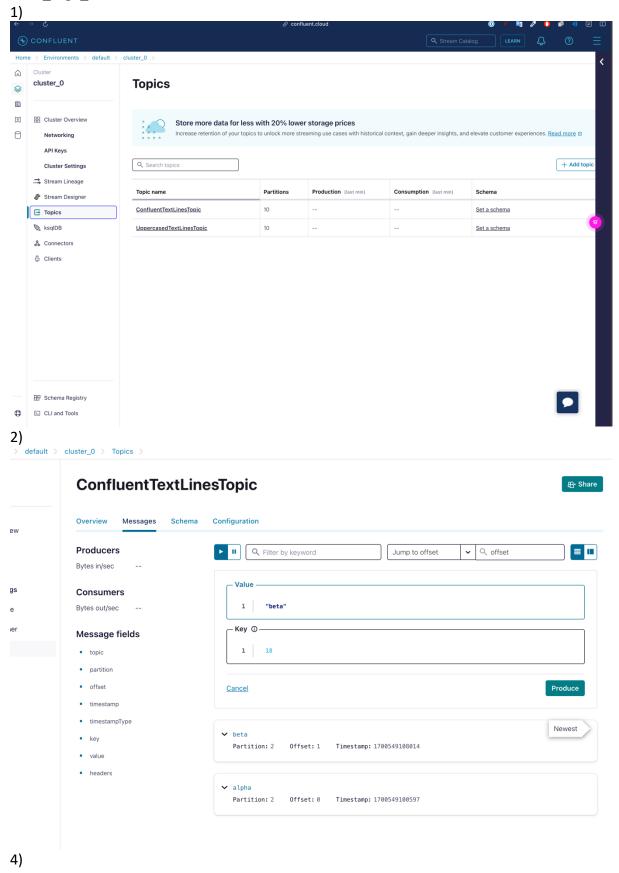
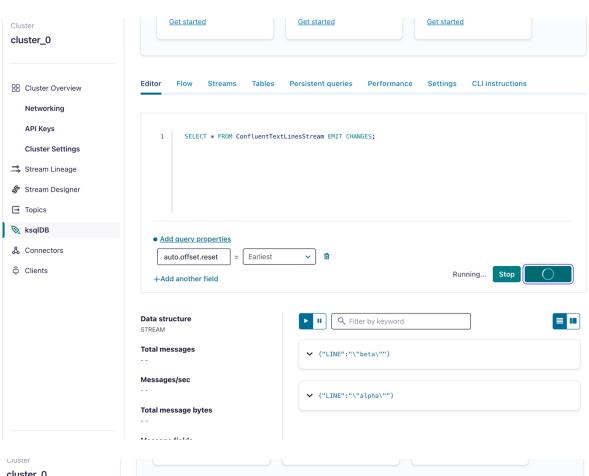
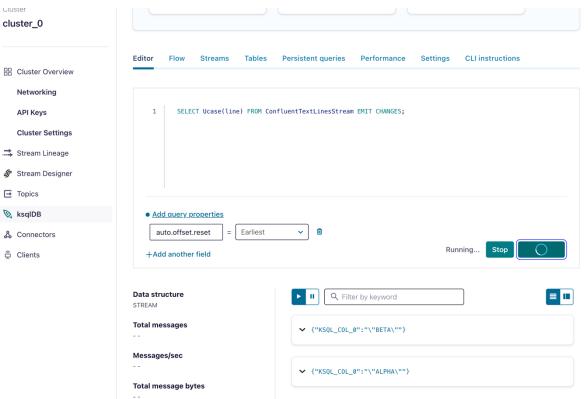
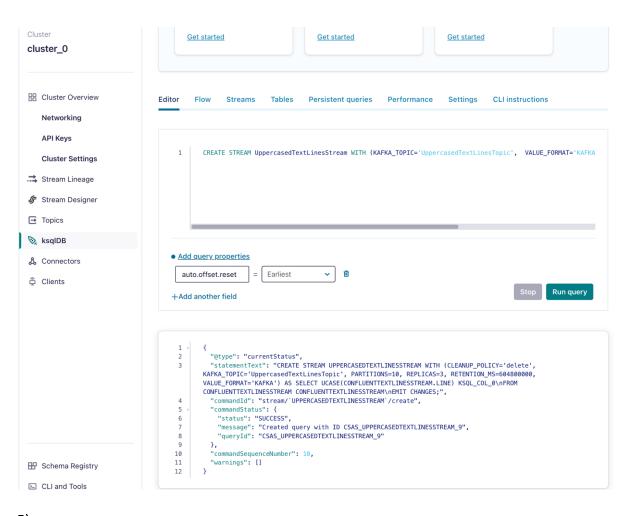
LAB9_asg1_3









5) Cluster cluster_0

Cluster Overview

Networking

API Keys

Cluster Settings

Stream Lineage

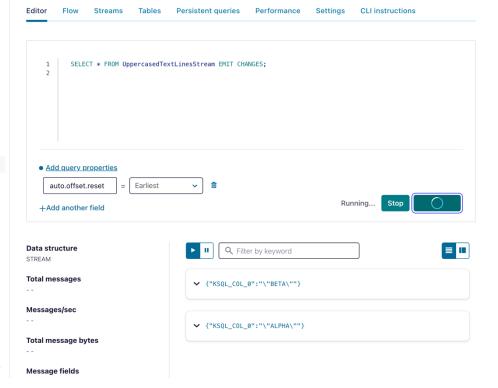
■ Topics

🗽 ksqlDB

& Connectors

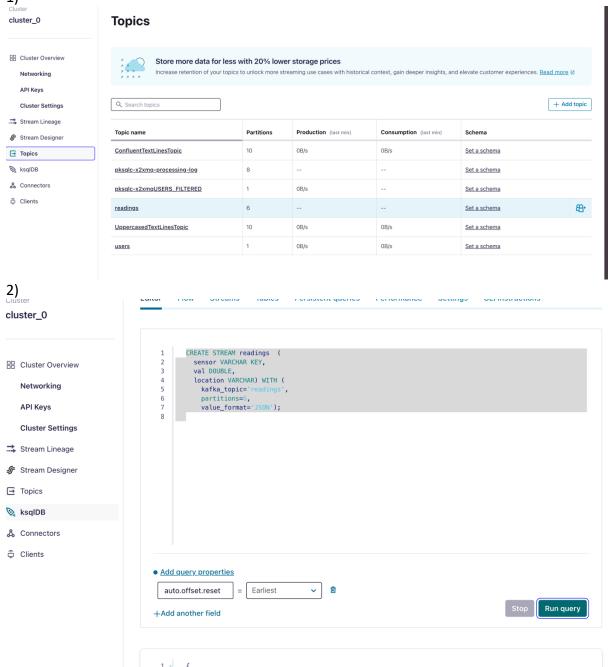
🛱 Clients

ksqIDB_cluster_0



LAB9_asg1_4





Cluster_O Cluster Overview Networking API Keys Cluster Settings Stream Lineage Stream Designer Topics ksqIDB Connectors Clients

CLI and Tools

```
• Add query properties

auto.offset.reset = Earliest 

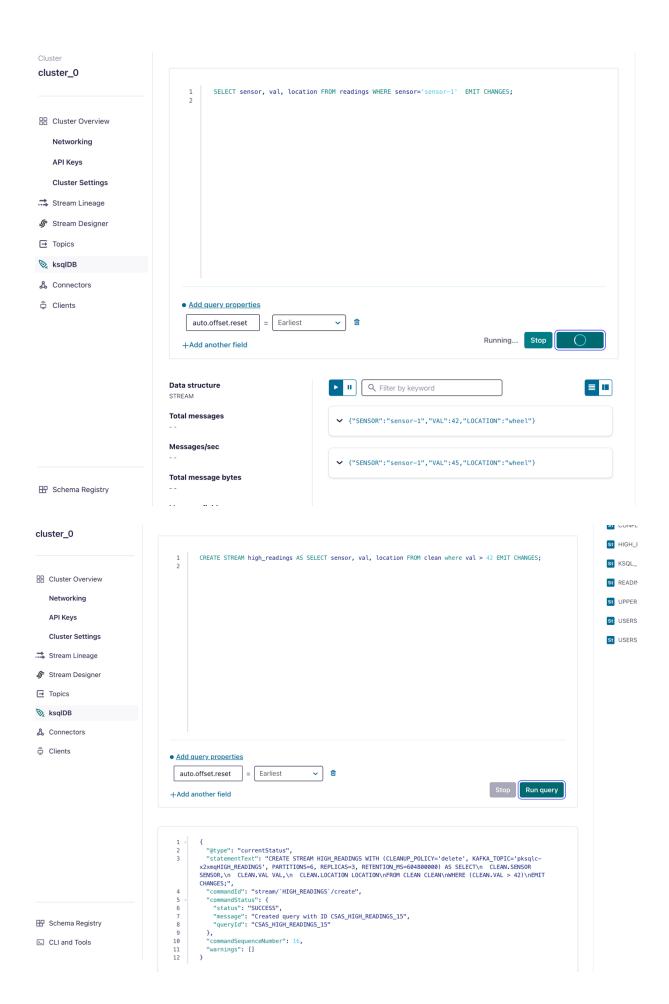
Add another field

CREATE STREAM clean AS SELECT sensor, val, UCASE(location) as location FROM readings EMIT CHANGES;

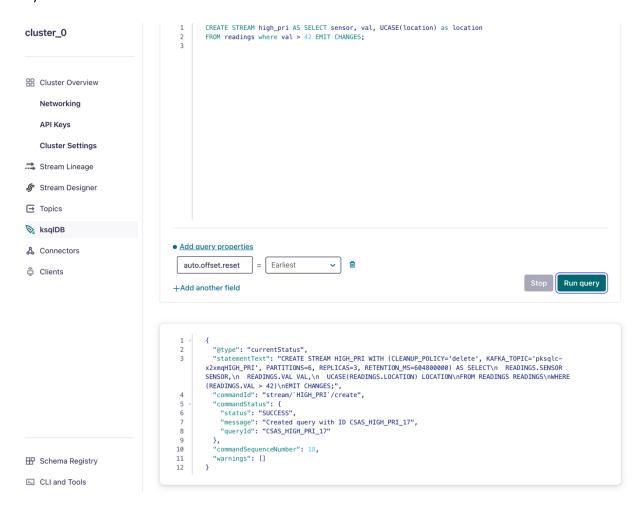
**Add query properties**

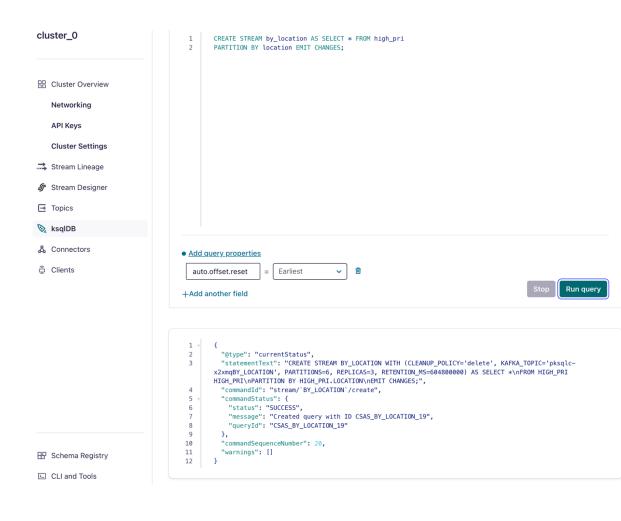
auto.offset.reset = Earliest 

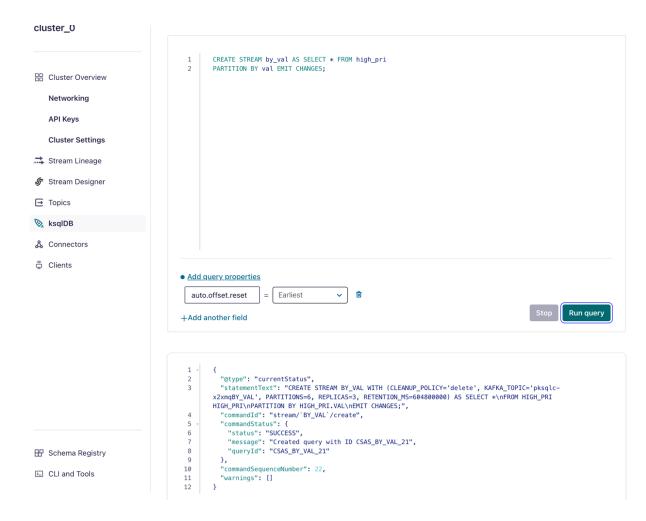
**The properties of the properti
```



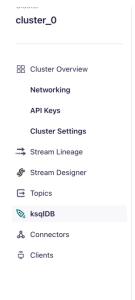
6)







LAB9_asg1_5 3)



- ⊞ Schema Registry
- □ CLI and Tools

```
CREATE TABLE avg_readings AS

SELECT sensor, AVG(val) as avg

FROM readings

GROUP BY sensor

EMIT CHANGES;

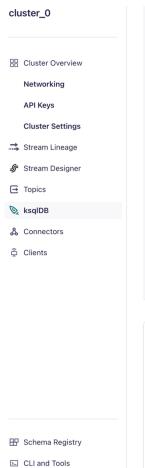
Add query properties

auto.offset.reset = Earliest 

+Add another field

Stop Run query
```

```
1 . {
2    "@type": "currentStatus",
3    "statementText": "CREATE TABLE AVG_READINGS WITH (CLEANUP_POLICY='compact', KAFKA_TOPIC='pksqlc-x2xmqAVG_READINGS', PARTITIONS=6, REPLICAS=3, RETENTION_MS=604800000) AS SELECT\n READINGS.SENSOR SENSOR,\n AVG(READINGS.VAL) AVG\nFROM READINGS READINGS\\nGROUP BY READINGS.SENSOR\nEMIT CHANGES;",
4    "commandId": "table\'AVG_READINGS\'/create",
5    "commandStatus": "SUCCESS",
6    "status": "SUCCESS",
7    "message": "Created query with ID CTAS_AVG_READINGS_23",
8    "queryId": "CTAS_AVG_READINGS_23"
9    },
10    "commandSequenceNumber": 24,
11    "warnings": []
12 }
```



```
Table part_avg AS
SELECT Location, AVG(val) as avg
FROM readings
GROUP BY location
EMIT CHANGES;

• Add query properties

auto.offset.reset = Earliest 

+Add another field

Stop Run query
```