```
1 ● SELECT * FROM customerdb.customers;
```

id	first_name	last_name	age	email
1	Fatima	Mohammed	20	fatima@example.com
2	Ahmed	Al-Jabari	30	ahmed@example.com
4	Layla	Kareem	27	layla@example.com
5	Omar	Ali	35	omar@example.com
NULL	NULL	NULL	NULL	NULL

```
    Customer with ID 2 already exists. Skipping insert.
    Customer Sara inserted successfully.
    Customer with ID 4 already exists. Skipping insert.
    Customer with ID 5 already exists. Skipping insert.

    ===== MySQL READ Customers =====

     Current Customers in MySQL:
    Customer{id=1, firstName='Fatima', lastName='Mohammed', age=20, email='fatima@example.com'}
    Customer{id=2, firstName=' Ahmed', lastName='Al-Jabari', age=30, email='ahmed@example.com'}
    Customer{id=3, firstName='Sara', lastName='Hassan', age=25, email='sara@example.com'}
    Customer{id=4, firstName='Layla', lastName='Kareem', age=27, email='layla@example.com'}
    Customer{id=5, firstName='Omar', lastName='Ali', age=35, email='omar@example.com'}

    ===== MySQL UPDATE Customer =====
     Customer ID 2 updated to  Ahmed.

     Current Customers in MySQL:
    Customer{id=1, firstName='Fatima', lastName='Mohammed', age=20, email='fatima@example.com'}
    Customer{id=2, firstName=' Ahmed', lastName='Al-Jabari', age=30, email='ahmed@example.com'}
    Customer{id=3, firstName='Sara', lastName='Hassan', age=25, email='sara@example.com'}
    Customer{id=4, firstName='Layla', lastName='Kareem', age=27, email='layla@example.com'}
    Customer{id=5, firstName='Omar', lastName='Ali', age=35, email='omar@example.com'}

    ===== MySQL DELETE Customer =====
     Customer ID 3 deleted.

     Current Customers in MySQL:
    Customer{id=1, firstName='Fatima', lastName='Mohammed', age=20, email='fatima@example.com'}
    Customer{id=2, firstName=' Ahmed', lastName='Al-Jabari', age=30, email='ahmed@example.com'}
    Customer{id=4, firstName='Layla', lastName='Kareem', age=27, email='layla@example.com'}
    Customer{id=5, firstName='Omar', lastName='Ali', age=35, email='omar@example.com'}
```

```
Run    Main ×

===== MongoDB INSERT Customers =====
MongoDB: Inserted Fatima
MongoDB: Inserted Ahmed
MongoDB: Inserted Sara
MongoDB: Inserted Layla
MongoDB: Inserted Omar

===== MongoDB READ Customers =====

Current Customers in MongoDB:
{"_id": {"$oid": "67be89e56d89a30c8e5b075e"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf7f9a2e600a6522684c2e"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf802cf629a87b776a2f4a"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf802fe463d74e3363b67a"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4e7"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4e8"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4ea"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4eb"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf82d25b93e74e88be82b6"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b7"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b8"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b9"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596943"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596944"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596946"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596947"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf4"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf5"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf7"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf8"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525bdd"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525bde"}, "id": 2, "first_name": "Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
```

```
Run    Main ×

===== MongoDB UPDATE Customer =====
MongoDB: Updated Ahmed to  Ahmed

Current Customers in MongoDB:
{"_id": {"$oid": "67be89e56d89a30c8e5b075e"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf7f9a2e600a6522684c2e"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf802cf629a87b776a2f4a"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf802fe463d74e3363b67a"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4e7"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4e8"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4ea"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4eb"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf82d25b93e74e88be82b6"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b7"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b8"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b9"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596943"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596944"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596946"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596947"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf4"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf5"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf7"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf8"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525bdd"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525bde"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525bdf"}, "id": 3, "first_name": "Sara", "last_name": "Hassan", "age": 25, "email": "sara@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525be0"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525be1"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bfb285ee165c2aea495f81"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bfb285ee165c2aea495f82"}, "id": 2, "first_name": "Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
```

```
===== MongoDB DELETE Customer =====
MongoDB: Deleted customer Sara

Current Customers in MongoDB:
{"_id": {"$oid": "67be89e56d89a30c8e5b075e"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf7f9a2e600a6522684c2e"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf802cf629a87b776a2f4a"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf802fe463d74e3363b67a"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4e7"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4e8"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4ea"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82a10549015f36c7b4eb"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf82d25b93e74e88be82b6"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b7"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b8"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82d35b93e74e88be82b9"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596943"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596944"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596946"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf82eb49e0b069f0596947"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf4"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf5"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf7"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bf879ca9661f726b806bf8"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525bdd"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525bde"}, "id": 2, "first_name": " Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525be0"}, "id": 4, "first_name": "Layla", "last_name": "Kareem", "age": 27, "email": "layla@example.com"}
{"_id": {"$oid": "67bfb2769a7bae3370525be1"}, "id": 5, "first_name": "Omar", "last_name": "Ali", "age": 35, "email": "omar@example.com"}
{"_id": {"$oid": "67bfb285ee165c2aea495f81"}, "id": 1, "first_name": "Fatima", "last_name": "Mohammed", "age": 20, "email": "fatima@example.com"}
{"_id": {"$oid": "67bfb285ee165c2aea495f82"}, "id": 2, "first_name": "Ahmed", "last_name": "Al-Jabari", "age": 30, "email": "ahmed@example.com"}
{"_id": {"$oid": "67bfb285ee165c2aea495f83"}, "id": 3, "first_name": "Sara", "last_name": "Hassan", "age": 25, "email": "sara@example.com"}
```

Documents **17**   Aggregations   Schema   Indexes **1**   Validation

🕐 ▾   Type a query: { field: 'value' } or **Generate query** ✦

⊕ ADD DATA ▾   ☍ EXPORT DATA ▾   ✎ UPDATE   🗑 DELETE

_id: ObjectId('67be89e56d89a30c8e5b075e')
id : 5
first_name : "Omar"
last_name : "Ali"
age : 35
email : "omar@example.com"

_id: ObjectId('67bf7f9a2e600a6522684c2e')
id : 2
first_name : " Ahmed"
last_name : "Al-Jabari"
age : 30
email : "ahmed@example.com"

_id: ObjectId('67bf802cf629a87b776a2f4a')
id : 4
first_name : "Layla"
last_name : "Kareem"
age : 27
email : "layla@example.com"

_id: ObjectId('67bf802fe463d74e3363b67a')
id : 1
first_name : "Fatima"
last_name : "Mohammed"
age : 20
email : "fatima@example.com"

_id: ObjectId('67bf802fe463d74e3363b67c')
id : 3
first_name : "Sara"
last_name : "Hassan"
age : 25
email : "sara@example.com"