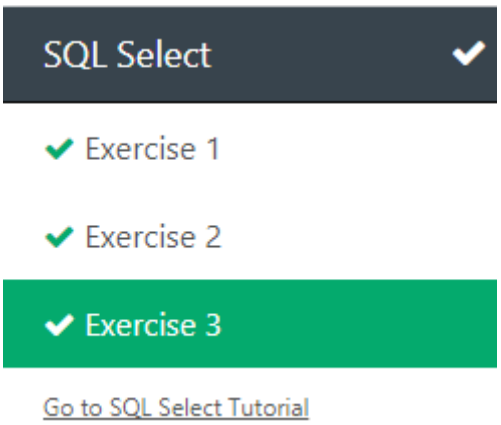
Nome: Felipe Augusto do Nascimento
Turma: INFO-3

SQL Select

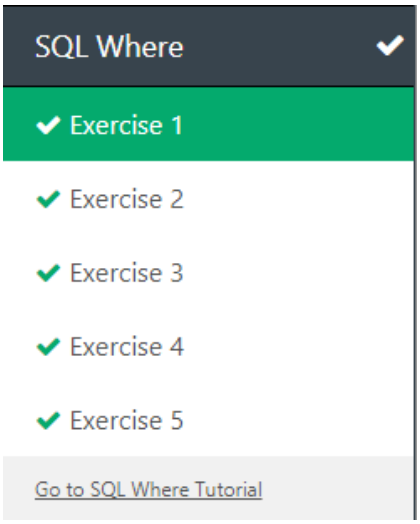



```
SELECT * FROM Customers;
```

```
SELECT City FROM Customers;
```

```
SELECT DISTINCT Country FROM Customers;
```

SQL Where




```
SELECT * FROM Customers
WHERE CITY = 'BERLIN';
```

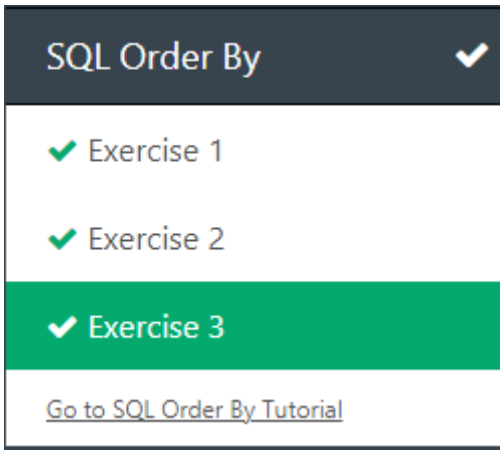
```
SELECT * FROM Customers
WHERE CITY = 'BERLIN';
```

```
SELECT * FROM Customers
WHERE CITY = 'BERLIN';
```

```
SELECT * FROM Customers
WHERE City = 'Berlin'
AND POSTALCODE = 12209;
```

```
SELECT * FROM Customers
WHERE City = 'Berlin'
OR CITY = 'LONDON';
```

SQL Order By

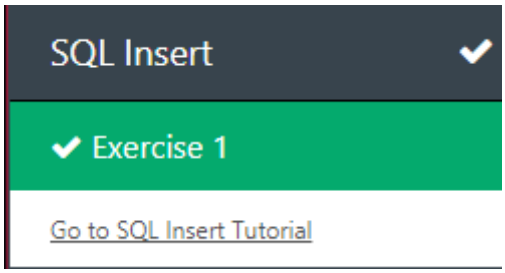



```
SELECT * FROM Customers
ORDER BY City;
```

```
SELECT * FROM Customers
ORDER BY CITY DESC;
```

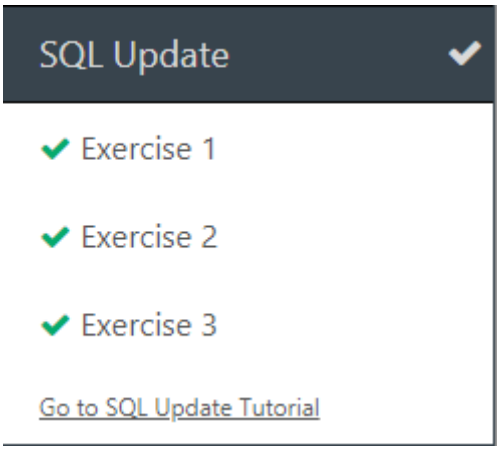
```
SELECT * FROM Customers
ORDER BY COUNTRY, CITY;
```

SQL Insert



```
INSERT INTO Customers (
CustomerName,
Address,
City,
PostalCode,
Country)
VALUES (
'Hekkan Burger',
'Gateveien 15',
'Sandnes',
'4306',
'Norway');
```

SQL Update

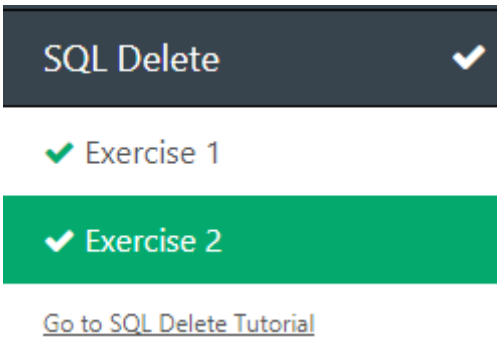



```
UPDATE Customers
SET City = 'Oslo';
```

```sql
UPDATE Customers
SET City = 'Oslo'
WHERE Country = 'Norway';
```

```sql
UPDATE Customers
SET City = 'Oslo',
COUNTRY = 'Norway'
WHERE CustomerID = 32;
```

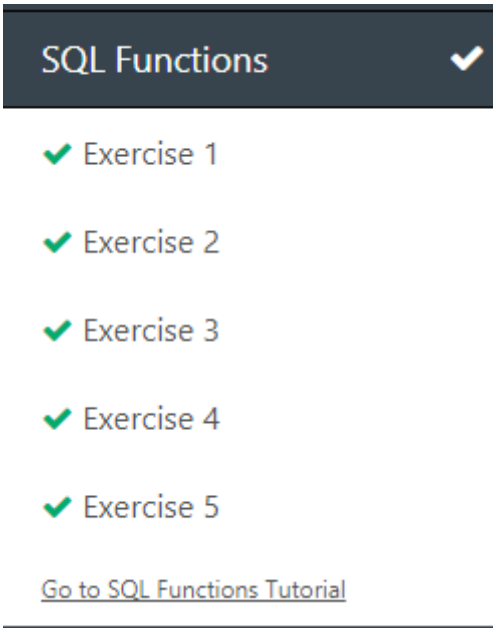
SQL Delete




```sql
DELETE FROM Customers
WHERE Country = 'Norway';
```

```
DELETE FROM Customers;
```

SQL Functions




```
SELECT MIN(PRICE)
FROM Products;
```

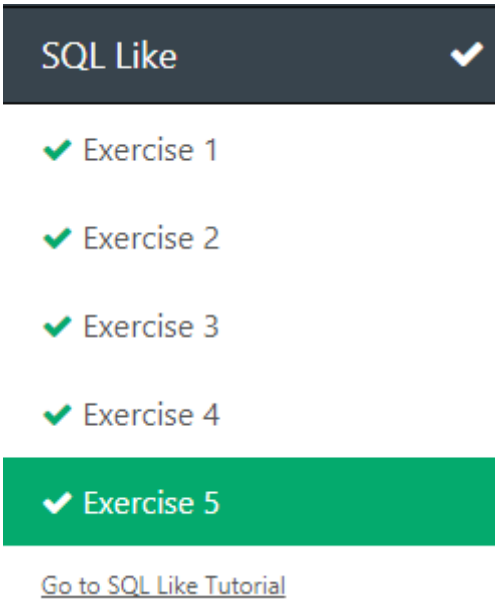
```
SELECT MAX(PRICE)
FROM Products;
```

```
SELECT COUNT(*)
FROM Products
WHERE Price = 18;
```

```
SELECT AVG(PRICE)
FROM Products;
```

```
SELECT SUM(PRICE)
FROM Products;
```

SQL Like




```
SELECT * FROM Customers
WHERE City LIKE 'a%';
```

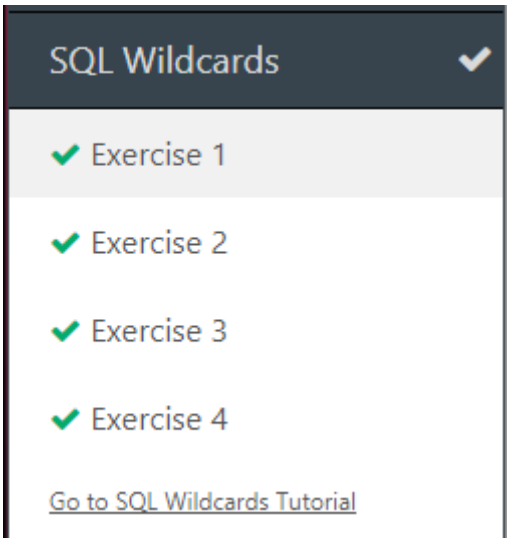
```
SELECT * FROM Customers
WHERE City LIKE '%a';
```

```
SELECT * FROM Customers
WHERE City LIKE '%a%';
```

```
SELECT * FROM Customers
WHERE City LIKE 'a%b';
```

```
SELECT * FROM Customers
WHERE City NOT LIKE 'a%';
```

SQL Wildcards



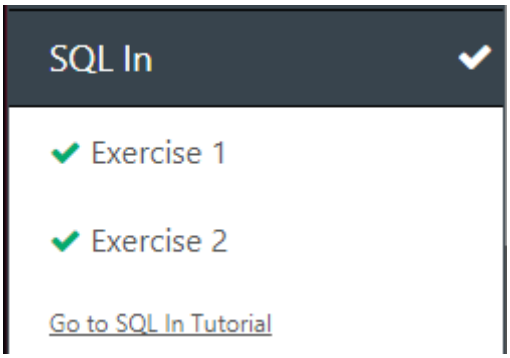

```
SELECT * FROM Customers
WHERE City LIKE '_A%';
```

```
SELECT * FROM Customers
WHERE City LIKE '[acs]%';
```

```
SELECT * FROM Customers
WHERE City LIKE '[a-f]%';
```

```
SELECT * FROM Customers
WHERE City LIKE '[!acf]%';
```

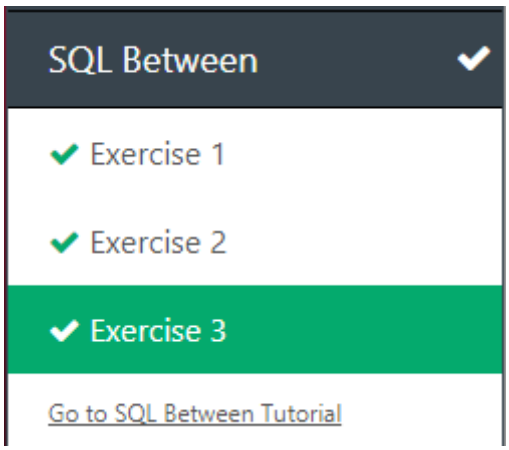
SQL In




```
SELECT * FROM Customers
WHERE Country IN ('Norway', 'France');
```

```
SELECT * FROM Customers
WHERE Country NOT IN ('Norway', 'France');
```

SQL Between




```
SELECT * FROM Products
WHERE Price BETWEEN 10 AND 20;
```

```
SELECT * FROM Products
WHERE Price NOT BETWEEN 10 AND 20;
```

```
SELECT * FROM Products
WHERE ProductName BETWEEN 'Geitost' AND 'Pavlova';
```

SQL Group By


```
SELECT COUNT(CustomerID),
Country
FROM Customers
GROUP BY Country;
```

```
SELECT COUNT(CustomerID),
Country
FROM Customers
GROUP BY COUNTRY
ORDER BY COUNT(CustomerID) DESC;
```