



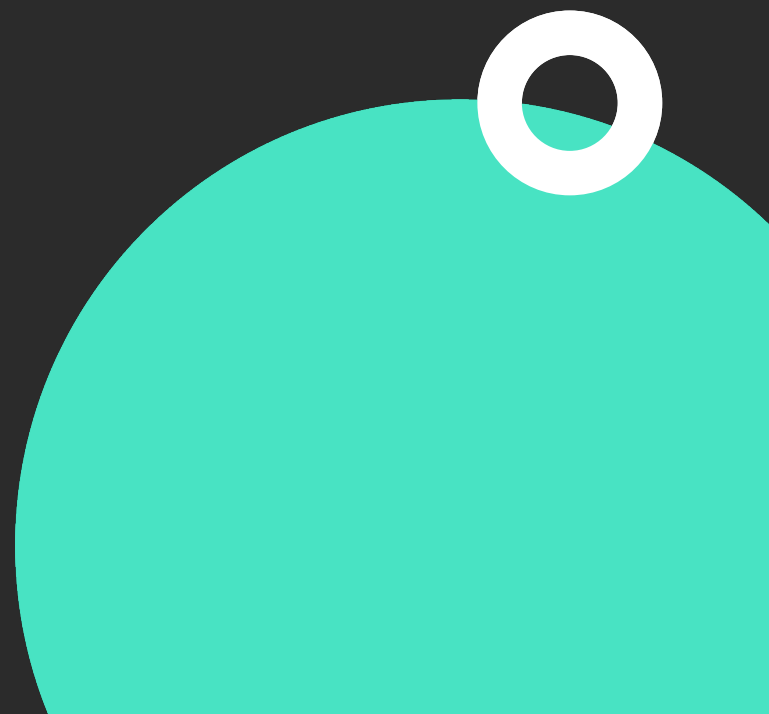
Sqlite Basic Syntax



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Course Overview

- Data Type
- Define Table
- Define needed queries
- Summery



Some Important Data Type In Sqlite

- **INTEGER**
 - Int
 - Long
 - Boolean: 0 & 1
- **REAL**
 - Float
 - Double
- **TEXT**
 - String



Some Important Queries In Sqlite

- CREATE TABLE
- SELECT FROM
- ORDER BY
- INSERT OR REPLACE
- DELETE FROM
- UPDATE



Define a Table

```
CREATE TABLE IF NOT EXISTS invoiceEntity(  
  id INTEGER UNIQUE PRIMARY KEY NOT NULL,  
  businessId INTEGER NOT NULL,  
  customerId INTEGER NOT NULL,  
  taxId INTEGER NOT NULL,  
  isPaid INTEGER NOT NULL DEFAULT 0  
);
```



Get A List Of Data

```
getCustomerList:
```

```
SELECT *
```

```
FROM customerEntity
```

```
ORDER BY name ASC ;
```



Add An Item Into DB

```
addCustomer:
```

```
INSERT OR REPLACE
```

```
INTO customerEntity(name, address, phone, email)
```

```
VALUES (:name, :address, :phone, :email);
```



Delete An Item From DB

```
deleteCustomer:  
DELETE FROM customerEntity  
WHERE id = :id;
```



Update An Item In DB

setPaidStatus:

```
UPDATE invoiceEntity  
SET isPaid = :status  
WHERE id = :invoiceId;
```



Summary

- Data Type
- Define Table
- Explore Some Common queries





Setup SqlDelight in the project

Up Next

