

Creating Tables:

```
CREATE TABLE table_name (  
    column1 datatype constraints,  
    column2 datatype constraints,  
);
```

```
CREATE TABLE Customers (  
    customer_id INTEGER PRIMARY KEY,  
    customer_name TEXT NOT NULL,  
    email TEXT UNIQUE,  
);
```

Adding Primary Key:

```
CREATE TABLE table_name (  
    column1 datatype PRIMARY KEY,  
    ...  
);
```

```
CREATE TABLE Orders (  
    order_id INTEGER PRIMARY KEY,  
    customer_id INTEGER,  
    FOREIGN KEY (customer_id) REFERENCES Customers(customer_id)  
);
```

Adding Foreign Key:

```
CREATE TABLE table_name (  
    column1 datatype,  
    ...  
    FOREIGN KEY (column_name) REFERENCES related_table(related_column)  
);
```

```
CREATE TABLE Orders (  
    order_id INTEGER PRIMARY KEY,  
    order_date TEXT,  
    customer_id INTEGER,  
    FOREIGN KEY (customer_id) REFERENCES Customers(customer_id)  
);
```

Adding Constraints:

```
column_name datatype NOT NULL
```

```
column_name datatype UNIQUE
```

```
column_name datatype DEFAULT default_value
```

```
column_name datatype CHECK(condition)
```

Inserting Data:

```
INSERT INTO table_name (column1, column2, ...)
VALUES (value1, value2, ...);
```

```
INSERT INTO Customers (customer_id, customer_name, email, address)
VALUES (1, 'John Doe', 'john@example.com', '123 Main St');
```

Querying Data:

```
SELECT column1, column2, ...
FROM table_name
WHERE condition;
```

```
SELECT customer_name, email
FROM Customers
WHERE customer_id = 1;
```

Updating Data:

```
UPDATE table_name
SET column1 = value1, column2 = value2, ...
WHERE condition;
```

```
UPDATE Customers
SET email = 'new_email@example.com'
WHERE customer_id = 1;
```

Deleting Data:

```
DELETE FROM table_name
WHERE condition;
```

```
DELETE FROM Customers
WHERE customer_id = 1;
```

Joins:

```
SELECT column1, column2, ...
FROM table1
JOIN table2 ON condition;
```

```
SELECT Orders.order_id, Customers.customer_name
FROM Orders
JOIN Customers ON Orders.customer_id = Customers.customer_id;
```