

--How to create a table and populate it.

```
CREATE TABLE investors (  
    FirstName VarChar(20),  
    LastName VarChar(20)  
)
```

```
INSERT INTO investors(FirstName,LastName)  
VALUES('Racheal','Green')
```

```
INSERT INTO investors(FirstName,LastName)  
VALUES('Austin','Olang')
```

```
INSERT INTO investors(FirstName,LastName)  
VALUES('Chandler','Bing'),('Monicah','Gellar'),('Phoebe','Bufffay')
```

--Other SQL functions

--From table customers, select the customers only from Brazil

```
SELECT * FROM customers  
WHERE Country='Brazil';
```

```
SELECT * FROM customers  
WHERE NOT Country='Brazil';
```

--or

```
SELECT * FROM customers  
WHERE Country!='Brazil';
```

```
SELECT * FROM customers  
WHERE Country='France' and City='Paris'
```

```
SELECT * FROM customers  
WHERE City='Paris' OR City='London'
```

```
SELECT * FROM customers  
WHERE City='Paris' OR City='London' and SupportRepID=3;
```

```
SELECT * FROM artists LIMIT 10;
```

```
SELECT * FROM customers  
WHERE Country='France'  
ORDER BY CustomerID DESC;
```

```
SELECT * FROM tracks  
SELECT AlbumID,  
Count(trackId)  
FROM tracks  
GROUP BY AlbumId;
```

```
SELECT * FROM customers;  
SELECT Country, Count(CustomerID)  
FROM Customers  
GROUP BY Country;
```

```
SELECT * FROM invoices;  
SELECT BillingCountry, Sum(Total)  
FROM invoices  
GROUP BY BillingCountry;
```

```
SELECT * FROM invoices;  
SELECT BillingCountry, Sum(Total) AS TotalAmount  
FROM invoices  
GROUP BY BillingCountry  
ORDER BY TotalAmount DESC  
LIMIT 5;
```

```

SELECT * FROM invoices;
SELECT BillingCountry, Sum(Total)
FROM invoices
GROUP BY BillingCountry
ORDER BY Sum(total) ASC;

```

--to update your table, use UPDATE

```

SELECT * from employees
UPDATE employees
SET TITLE='IT Manager'
WHERE EmployeeId=7

```

```

SELECT * from customers
UPDATE customers
SET PostalCode=95000
WHERE Country='USA'

```

--use LIKE to search

```

SELECT * FROM customers
WHERE FirstName LIKE 'a%'

```

```

SELECT * FROM customers
WHERE FirstName LIKE '%a'

```

```

SELECT * FROM tracks
select Composer,Name
FROM tracks
WHERE Name LIKE '%Wild%'

```

```

SELECT Name,Composer
FROM tracks
WHERE Composer IS NULL;

```

--IS NOT NULL is used to see non-null or non-empty entries

```

SELECT Name,Composer
FROM tracks
WHERE Composer IS NOT NULL;

```

```

SELECT * FROM invoices;
SELECT CustomerID,BillingCountry,Total
FROM invoices
WHERE
Total BETWEEN 5 and 10
ORDER BY Total DESC

```