Customer

CustID	Name	City	Age	Salary	DeptID
1	Ahmad	Amman	20	400	D1
2	Nidal	Irbid	25	220	D3
3	Abeer	Ajloun	40	400	D4
4	Sarah	Amman	20	400	D4
5	Khaled	Aqaba	20	400	D5
6	Leen	Amman	25	300	D7
7	Joud	Irbid	35	700	D7
8	Nizar	Karak	45	550	
9	Waleed	Aqaba	43	590	

Department

DeptId	Name
D1	Eng
D2	Com
D3	Lib
D4	Bus
D5	Edu
D6	Nat
D7	Mar

- **Select statement**

  Select
  From
  Where
  Group by
  Having
  Order by

  (List all customers)

```
SELECT *
FROM customer;
```

Customer

CustID	Name	City	Age	Salary	DeptID
1	Ahmad	Amman	20	400	D1
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3	Abeer	Ajloun	40	400	D4
4	Sarah	Amman	20	400	D4
5	Khaled	Aqaba	20	400	D5
6	Leen	Amman	25	300	D7
7	Joud	Irbid	35	700	D7
8	Nizar	Karak	45	550	
9	Waleed	Aqaba	43	590	

(List all customers in Amman)

```sql
SELECT *
FROM customer
WHERE city = 'Amman';
```

Customer

CustID	Name	City	Age	Salary	DeptID
1	Ahmad	Amman	20	400	D1
4	Sarah	Amman	20	400	D4
6	Leen	Amman	25	300	D7

(List all cities)

```sql
SELECT city
FROM customer;
```

City
Amman
Irbid
Ajloun
Amman
Aqaba
Amman
Irbid
Karak
Aqaba

(List all cities without repetitions)

```sql
SELECT DISTINCT city
FROM customer;
```

City
Amman
Irbid
Ajloun
Aqaba
Karak

(List all customers with salary greater than 400)

```sql
SELECT name, salary
FROM customer
WHERE salary > 400;
```

Name	Salary
Joud	700
Nizar	550
Waleed	590

Other operators are >, >=, <, <=, =, != or <>

(List all customers with salary greater than or equal to 300 and age less than 40)

```sql
SELECT name, age, salary
FROM customer
WHERE salary >= 300 AND age < 40;
```

Name	Age	Salary
Ahmad	20	400
Sarah	20	400
Khaled	20	400
Leen	25	300
Joud	35	700

(List all cities that end with letter n), % replaces more than one character.

```sql
SELECT city
FROM customer
WHERE city LIKE '%n';
```

City
Amman
Ajloun

(List all cities that end with the word 'mman'), _ replaces one character only.

```sql
SELECT city
FROM customer
WHERE city LIKE '_mman';
```

City
Amman

(List all customers who live in Amman and Aqaba)

```sql
SELECT name, city
FROM customer
WHERE city IN ('Amman', 'Aqaba');
```

Name	City
Ahmad	Amman
Sarah	Amman
Khaled	Aqaba
Leen	Amman
Waleed	Aqaba

(List all customers who live in Amman and their age less than 40 or greater than 20)

```sql
SELECT name, city, age
FROM customer
WHERE city = 'Amman' AND (age > 20 OR age < 40);
```

Name	City	Age
Leen	Amman	25

(List all names in reverse alphabetical order)

```sql
SELECT name
FROM customer
ORDER BY name DESC;
```

Name
Waleed
Sarah
Nizar
Nidal
Leen
Khaled
Joud
Ahmad
Abeer

(List all names in alphabetical order)

```
SELECT name
FROM customer
ORDER BY name;
```

Name
Abeer
Ahmad
Joud
Khaled
Leen
Nidal
Nizar
Sarah
Waleed

(List all customers' Age)

```
SELECT name, age
FROM customer;
```

Name	Age
Ahmad	20
Nidal	25
Abeer	40
Sarah	20
Khaled	20
Leen	25
Joud	35
Nizar	45
Waleed	43