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

- **Aggregate functions**
  AVG, COUNT, MAX, MIN, SUM

(Find the average salary of all customers)

```
SELECT AVG(Salary) AS Average
FROM Customer;
```

Average
440

(Find the total salary of all customers)

```
SELECT SUM(Salary) AS Total
FROM Customer;
```

Total
3960

(Find the number of all customers)

```
Select COUNT(*) As Number
From customer
```

Number
9

(Find the number of all cities)

```
SELECT COUNT(City) AS CityName
FROM Customer;
```

CityName
9

(Find the number of cities without repetition)

```
SELECT COUNT(DISTINCT City) AS CityName
FROM Customer;
```

CityName
5

(List the number of customers in each city ordered by city name in a descending order)

```
SELECT COUNT(CustID) AS number, City
FROM Customer
GROUP BY City
ORDER BY City DESC;
```

number	City
1	Karak
2	Irbid
2	Aqaba
3	Amman
1	Ajloun

(Find the minimum salary for all customers)

```
SELECT Name, Salary AS min_sal
FROM Customer
WHERE Salary = (SELECT MIN(Salary) FROM Customer);
```

Name	min_sal
Nidal	220

(Find the maximum age for all customers)

```
SELECT Name, Salary AS max_sal
FROM Customer
WHERE Salary = (SELECT MAX(Salary) FROM Customer);
```

Name	max_sal
Nizar	45

(List the number of customers in each city. Only include cities with more than 1 customers)

```
SELECT COUNT(CustID) AS number, City
FROM Customer
GROUP BY City
HAVING COUNT(CustID) > 1);
```

number	City
3	Amman
2	Irbid
2	Aqaba

(List the number of customers in each city, except Irbid, include only cities with more than 1 customers)

```
SELECT COUNT(CustID) AS number_C, City
FROM customer
WHERE City NOT LIKE 'Irbid'
GROUP BY City
HAVING COUNT(CustID) > 1;
```

number_C	City
3	Amman
2	Aqaba