NAME :VASANTHABALAN M

insert into category values('seafood','salt and pepper,dry fish'),
('snack','bad health'),
('Fruits','healthy'),
('Junk','bad health'),
('Healthy','Good health'),
('Meat','Try to eat limit'),
('Produce','Dried fruits'),
('Grains','Brads,Cakesand pasta');

select categoryName,description from category order by categoryName asc;

	categoryName	description
1	Fruits	healthy
2	Grains	Brads,Cakesand pasta
3	Healthy	Good health
4	Junk	bad health
5	Meat	Try to eat limit
6	Produce	Dried fruits
7	seafood	salt and pepper,dry fish
8	snack	bad health

✅ Query executed successfully.

```
insert into customers values('Ram','Alexa','Owner','(+91)-3562738894'),
                            ('Rahul','Amazon','Sales','(+91)-4563213454'),
                            ('Alexander','Spyder','Accounts','(+91)-3452134294'),
                            ('Einstein','Jupyter','Admin','(+91)-355672394'),
                            ('Georgr','Workstation','Owner','(+91)-098767364');
```

```sql
select ContactName,CompanyName,ContactTitle,Phone from customers order by Phone;
```

	ContactName	CompanyName	ContactTitle	Phone
1	Georgr	Workstation	Owner	(+91)-098767364
2	Alexander	Spyder	Accounts	(+91)-3452134294
3	Einstein	Jupyter	Admin	(+91)-355672394
4	Ram	Alexa	Owner	(+91)-3562738894
5	Rahul	Amazon	Sales	(+91)-4563213454

✅ Query executed successfully.

```sql
SELECT FirstName, LastName, HireDate FROM Employees ORDER BY HireDate;
```

	FirstName	LastName	HireDate
1	hari	haran	1905-05-10 00:00:00.000
2	ram	Raja	1905-06-06 00:00:00.000
3	sriharan	hari	1905-06-10 00:00:00.000
4	boopathy	deav	1905-06-11 00:00:00.000

✅ Query executed successfully.

```sql
SELECT OrderID, OrderDate, ShippedDate, CustomerID, Freight
FROM Orders
ORDER BY Freight DESC;
```

	OrderID	OrderDate	ShippedDate	CustomerID	Freight
1	4	1996-07-08 00:00:00.000	1996-07-12 00:00:00.000	AROUT	65.83
2	1	1996-07-08 00:00:00.000	1996-07-15 00:00:00.000	BOLID	41.34
3	2	1996-07-04 00:00:00.000	1996-07-16 00:00:00.000	ANTON	32.38

SELECT CompanyName, Fax, Phone, HomePage, Country
FROM Suppliers
ORDER BY Country DESC, CompanyName ASC ;

	CompanyName	Fax	Phone	HomePage	Country
1	Grandma Kelly's Homestead	(313) 555-3349	(313) 555-5735	NULL	USA
2	New Orleans Cajun Delights	NULL	(100) 555-4822	#CAJUN.HTM#	USA
3	Exotic Liquids	NULL	(171) 555-2222	NULL	UK
4	Specialty Biscuits, Ltd.	NULL	(161) 555-4448	NULL	UK
5	Cooperativa de Quesos 'Las Cabras'	NULL	(98) 598 76 54	NULL	Spain
6	Mayumi's	NULL	(06) 431-7877	Mayumi's (on the World Wide Web)#http://www.micr...	Japan
7	Tokyo Traders	NULL	(03) 3555-5011	NULL	Japan
8	Pavlova, Ltd.	(03) 444-6588	(03) 444-2343	NULL	Australia

SELECT CompanyName, ContactName
FROM Customers
WHERE City = 'Buenos Aires';

	CompanyName	ContactName

SELECT ProductName, UnitPrice, QuantityPerUnit
FROM Products
WHERE UnitsInStock = 0;

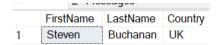|	ProductName	UnitPrice	QuantityPerUnit
1	Perth Pasties	32.80	48 pieces

SELECT OrderDate, ShippedDate, CustomerID, Freight
FROM Orders
WHERE OrderDate = '1997-05-19';

	OrderDate	ShippedDate	CustomerID	Freight

SELECT FirstName, LastName, Country
FROM Employees
WHERE Country <>'USA';

	FirstName	LastName	Country
1	Steven	Buchanan	UK

```sql
SELECT EmployeeID, OrderID, CustomerID, RequiredDate, ShippedDate
FROM Orders
WHERE ShippedDate > RequiredDate;
```

⊞ Results 📄 Messages

	EmployeeID	OrderID	CustomerID	RequiredDate	ShippedDate

```sql
SELECT City, CompanyName, ContactName
FROM Customers
WHERE City LIKE 'A%' OR City LIKE 'B%';
```

⊞ Results 📄 Messages

	City	CompanyName	ContactName
1	Berlin	Alfreds Futterkiste	Maria Anders

```sql
SELECT *
FROM Orders
WHERE Freight > 50;
```

⊞ Results 📄 Messages

	OrderID	CustomerID	EmployeeID	OrderDate	RequiredDate	ShippedDate	ShipVia	Freight
1	4	AROUT	4	1996-07-08 00:00:00.000	1996-08-05 00:00:00.000	1996-07-12 00:00:00.000	2	65.83

```sql
SELECT ProductName, UnitsInStock, UnitsOnOrder, ReorderLevel
FROM Products
WHERE UnitsInStock <= ReorderLevel;
```

⊞ Results 📄 Messages

	ProductName	UnitsInStock	UnitsOnOrder	ReorderLevel
1	Perth Pasties	0	0	0
2	Gnocchi di nonna Alice	21	10	30

```sql
SELECT CompanyName, ContactName, Fax
FROM Customers
WHERE Fax IS NOT NULL;
```

	CompanyName	ContactName	Fax
1	Alfreds Futterkiste	Maria Anders	030-0076545
2	Ana Trujillo Emparedados y helados	Ana Trujillo	(5) 555-3745
3	Around the Horn	Thomas Hardy	(171) 555-6750
4	Berglunds snabbköp	Christina Berglund	0921-12 34 67
5	Blauer See Delikatessen	Hanna Moos	0621-08924
6	Blondesddsl père et fils	Frédérique Citeaux	88.60.15.32
7	Bólido Comidas preparadas	Martín Sommer	(91) 555 91 99
8	Bon app'	Laurence Lebihan	91.24.45.41
9	Bottom-Dollar Markets	Elizabeth Lincoln	(604) 555-3745

```
SELECT FirstName, LastName
FROM Employees
WHERE ReportsTo IS NULL;
```

	FirstName	LastName
1	Andrew	Fuller

```
SELECT CompanyName, ContactName, Fax
FROM Customers
WHERE Fax IS NOT NULL
ORDER BY CompanyName;
```

	CompanyName	ContactName	Fax
1	Alfreds Futterkiste	Maria Anders	030-0076545
2	Ana Trujillo Emparedados y helados	Ana Trujillo	(5) 555-3745
3	Around the Horn	Thomas Hardy	(171) 555-6750
4	Berglunds snabbköp	Christina Berglund	0921-12 34 67
5	Blauer See Delikatessen	Hanna Moos	0621-08924
6	Blondesddsl père et fils	Frédérique Citeaux	88.60.15.32
7	Bólido Comidas preparadas	Martín Sommer	(91) 555 91 99
8	Bon app'	Laurence Lebihan	91.24.45.41
9	Bottom-Dollar Markets	Elizabeth Lincoln	(604) 555-3745

```
SELECT City, CompanyName, ContactName
FROM Customers
WHERE City LIKE 'A%' OR City LIKE 'B%'
ORDER BY ContactName DESC;
```

	City	CompanyName	ContactName
1	Berlin	Alfreds Futterkiste	Maria Anders

```
SELECT FirstName, LastName, BirthDate
FROM Employees
WHERE BirthDate BETWEEN '1950-01-01' AND '1959-12-31';
```

	FirstName	LastName	BirthDate
1	Andrew	Fuller	1952-02-19 00:00:00.000
2	Steven	Buchanan	1955-03-04 00:00:00.000

```sql
SELECT ProductName, SupplierID
FROM Products
WHERE SupplierID IN (
    SELECT SupplierID
    FROM Suppliers
    WHERE CompanyName IN ('Exotic Liquids', 'Grandma Kelly''s Homestead', 'Tokyo Traders')
);
```

	ProductName	SupplierID
1	Manjimup Dried Apples	1
2	Perth Pasties	3
3	Tourtière	4
4	Raclette Courdavault	1

```sql
SELECT ShipPostalCode, OrderID, OrderDate
FROM Orders
WHERE ShipPostalCode LIKE '6900%';
```

	ShipPostalCode	OrderID	OrderDate
1	69004	1	1996-07-08 00:00:00.000

```sql
SELECT ContactName, ContactTitle, CompanyName
FROM Customers
WHERE ContactTitle NOT LIKE '%Sales%';
```

	ContactName	ContactTitle	CompanyName
1	Ana Trujillo	Owner	Ana Trujillo Emparedados y helados
2	Antonio Moreno	Owner	Antonio Moreno Taquería
3	Christina Berglund	Order Administrator	Berglunds snabbköp
4	Frédérique Citeaux	Marketing Manager	Blondesddsl père et fils
5	Martín Sommer	Owner	Bólido Comidas preparadas
6	Laurence Lebihan	Owner	Bon app'
7	Elizabeth Lincoln	Accounting Manager	Bottom-Dollar Markets

```sql
SELECT FirstName, LastName, City
FROM Employees
WHERE  City <> 'Seattle';
```

	FirstName	LastName	City
1	Andrew	Fuller	Tacoma
2	Janet	Leverling	Kirkland
3	Margaret	Peacock	Redmond
4	Steven	Buchanan	London

```sql
SELECT CompanyName, ContactTitle, City, Country
```

```
FROM Customers
WHERE Country = 'Mexico'
   OR (Country = 'Spain' AND City <> 'Madrid');
```

	CompanyName	ContactTitle	City	Country
1	Ana Trujillo Emparedados y helados	Owner	México D.F.	Mexico
2	Antonio Moreno Taquería	Owner	México D.F.	Mexico