 SELECT first\_name, last\_name FROM Customers ORDER BY first\_name DESC;

100 % ▾

 Results  Messages

	first_name	last_name
1	Sunita	Gupta
2	Raj	Sharma
3	Priya	Patel
4	Anand	Kumar
5	Amit	Singh

```
SELECT first_name, last_name, city FROM Customers ORDER BY city, first_name;
```

100 %

Results Messages

	first_name	last_name	city
1	Priya	Patel	Ahmedabad
2	Anand	Kumar	Chennai
3	Amit	Singh	Delhi
4	Sunita	Gupta	Jaipur
5	Raj	Sharma	Mumbai

```
SELECT * FROM products ORDER BY list_price DESC OFFSET 0 ROWS FETCH NEXT 3 ROWS ONLY;
```

100 %

Results Messages


	product_id	product_name	category_id	list_price	model_year
1	6	Diamond Necklace	7	11999.99	2022
2	4	Refrigerator	5	4999.99	2018
3	2	Laptop	1	2599.99	2019


```
SELECT product_name, list_price, model_year FROM Products  
WHERE list_price > 300 AND model_year = 2018;
```

100 %

Results Messages

	product_id	product_name	category_id	list_price	model_year
1	6	Diamond Necklace	7	11999.99	2022
2	4	Refrigerator	5	4999.99	2018
3	2	Laptop	1	2599.99	2019

 `SELECT product_name, list_price, model_year FROM Products WHERE list_price > 3000 OR model_year = 2018;`

100 % 

 Results  Messages


	product_name	list_price	model_year
1	Smartphone	489.99	2018
2	Refrigerator	4999.99	2018
3	Diamond Necklace	11999.99	2022


```
SELECT product_name, list_price FROM Products WHERE list_price BETWEEN 1899 AND 1999.99;
```

100 %

Results Messages

product_name	list_price
--------------	------------

 SELECT product\_name, list\_price FROM Products WHERE list\_price IN (299.99, 466.99, 489.99);

100 % 

 Results  Messages

	product_name	list_price
1	Smartphone	489.99

```
SELECT first_name, last_name FROM Customers WHERE last_name LIKE '[A-C]%' ;
```

100 %


Results Messages

	first_name	last_name
1	Alice	Anderson



```
- SELECT first_name, last_name FROM Customers  
WHERE first_name NOT LIKE 'A%';|
```

100 % ▾

 Results  Messages

	first_name	last_name
1	Raj	Sharma
2	Priya	Patel
3	Sunita	Gupta

```
SELECT state, city, COUNT(*) as customer_count  
FROM Customers  
GROUP BY state, city;
```

100 %

Results Messages

	state	city	customer_count
1	Gujarat	Ahmedabad	1
2	Tamil Nadu	Chennai	1
3	Delhi	Delhi	1
4	Rajasthan	Jaipur	1
5	Maharashtra	Mumbai	1
6	NY	New York	1

```
- SELECT customer_id, YEAR(order_date) as order_year, COUNT(*) as order_count  
FROM Orders  
GROUP BY customer_id, YEAR(order_date);
```

100 %

Results Messages

	customer_id	order_year	order_count
1	1	2023	1
2	2	2023	1
3	3	2023	1
4	4	2023	1
5	5	2023	1

```

SELECT c.category_id,
       MAX(p.list_price) as max_price,
       MIN(p.list_price) as min_price
FROM Categories c
JOIN Products p ON c.category_id = p.category_id
GROUP BY c.category_id, c.category_name
HAVING MAX(p.list_price) >= 4000 OR MIN(p.list_price) <= 500;

```

100 %

Results Messages

	category_id	max_price	min_price
1	1	2599.99	489.99
2	3	250.99	250.99
3	5	4999.99	4999.99
4	6	379.99	379.99
5	7	11999.99	11999.99