

```
44 • select * from products;
45 • select * from orders;
46 • select * from products where category="Electronics";
47
```

Result Grid Filter Rows: <input type="text"/>					Edit: Export/Import: Wrap Cell Content:
	id	name	category	price	
▶	1	Laptop	Electronics	75000.00	
	2	Mobile	Electronics	20000.00	
	5	Tablet	Electronics	30000.00	
	8	Power Bank	Electronics	1500.00	
	10	Gaming Mouse	Electronics	2500.00	
●	HULL	HULL	HULL	HULL	

products 19 ×

Output

```
44 • select * from products;  
45 • select * from orders;  
46 • select * from products where category="Electronics" order by name asc;  
47
```

products 20 x

Output

Action Output

#	Time	Action
---	------	--------

Message

16 row(s) affected Records: 16 Duplic

```
45 • select * from orders;
46 • select * from products where category="Electronics" order by name asc ;
47 • select category,sum(price) as total_price from products group by category;
48
```

Result Grid | Filter Rows: _____ | Export: Wrap Cell Content:

	category	total_price
▶	Electronics	129000.00
	Footwear	3000.00
	Accessories	5700.00
	Bags	1500.00
	Clothing	800.00

Result 22

Output

```
72 •   select * from customers c inner join orders o on c.id=o.customer_id inner join products p on p.id = o.product_id;
73
74 •   select sum(price) as total,max(price) as maximum,min(price) as minimum, avg(price) as average from products;
```

Result Grid | Filter Rows: _____ | Export: Wrap Cell Content:

	total	maximum	minimum	average
▶	140000.00	75000.00	800.00	14000.000000

```

72 • select * from customers c inner join orders o on c.id=o.customer_id inner join products p on p.id = o.product_id;
73
74 • select * from customers c right join orders o on c.id=o.customer_id ;

```

	Result Grid			Filter Rows:		Export:	Wrap Cell Content:		
	id	name	email	city	id	customer_id	product_id	quantity	order_date
▶	1	Ramana	ramanakandula84@gmail.com	Hyderabad	101	1	1	1	2025-08-01
	2	kandula	kandularamana630@gmail.com	Chennai	102	2	2	2	2025-08-03
	3	Charlie	charlie@gmail.com	Bangalore	103	3	3	3	2025-08-05
	1	Ramana	ramanakandula84@gmail.com	Hyderabad	104	1	3	1	2025-08-06
	5	Eva	eva@gmail.com	Andhra	105	5	5	1	2025-08-07
	6	Frank	frank@gmail.com	Pune	106	6	6	2	2025-08-07
	7	Grace	grace@gmail.com	Kolkata	107	7	7	1	2025-08-08
	8	Harry	harry@gmail.com	Ahmedabad	108	8	8	2	2025-08-08
	9	Ivy	ivy@gmail.com	Lucknow	109	9	9	1	2025-08-09
	10	Jack	jack@gmail.com	Jaipur	110	10	10	1	2025-08-09
	1	Ramana	ramanakandula84@gmail.com	Hyderabad	111	1	2	2	2025-08-10
	2	kandula	kandularamana630@gmail.com	Chennai	112	2	4	1	2025-08-10
	3	Charlie	charlie@gmail.com	Bangalore	113	3	6	3	2025-08-11
	4	David	David@gmail.com	Mumbai	114	4	8	1	2025-08-11

Result 25 ×

Output

Action Output

#	Time	Action
---	------	--------

Index as total price from products group by category LIMIT 0, 1000

Message

5 row(s) returned

```

72 •   select * from customers c inner join orders o on c.id=o.customer_id inner join products p on p.id = o.product_id;
73
74 •   select * from customers c left join orders o on c.id=o.customer_id ;
75

```

Result Grid			Export:		Wrap Cell Content:				
	id	name	email	city	id	customer_id	product_id	quantity	order_date
4	David	david@gmail.com		Mumbai	114	4	8	1	2025-08-11
5	Eva	eva@gmail.com		Andhra	105	5	5	1	2025-08-07
5	Eva	eva@gmail.com		Andhra	115	5	10	1	2025-08-12
6	Frank	frank@gmail.com		Pune	106	6	6	2	2025-08-07
6	Frank	frank@gmail.com		Pune	116	6	3	2	2025-08-12
7	Grace	grace@gmail.com		Kolkata	107	7	7	1	2025-08-08
7	Grace	grace@gmail.com		Kolkata	117	7	5	1	2025-08-13
8	Harry	harry@gmail.com		Ahmedabad	108	8	8	2	2025-08-08
8	Harry	harry@gmail.com		Ahmedabad	118	8	7	2	2025-08-13
9	Ivy	ivy@gmail.com		Lucknow	109	9	9	1	2025-08-09
9	Ivy	ivy@gmail.com		Lucknow	119	9	9	1	2025-08-14
10	Jack	jack@gmail.com		Jaipur	110	10	10	1	2025-08-09
10	Jack	jack@gmail.com		Jaipur	120	10	1	1	2025-08-14

Result 24 ×

Output:

Action Output

Message

```

70
71
72 • select * from customers c inner join orders o on c.id=o.customer_id inner join products p on p.id = o.product_id

```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	id	name	email	city	id	customer_id	product_id	quantity	order_date	id	name	category	price
▶	1	Ramana	ramanakandula84@gmail.com	Hyderabad	101	1	1	1	2025-08-01	1	Laptop	Electronics	75000.00
	1	Ramana	ramanakandula84@gmail.com	Hyderabad	104	1	3	1	2025-08-06	3	Shoes	Footwear	3000.00
	1	Ramana	ramanakandula84@gmail.com	Hyderabad	111	1	2	2	2025-08-10	2	Mobile	Electronics	20000.00
	2	kandula	kandularamana630@gmail.com	Chennai	102	2	2	2	2025-08-03	2	Mobile	Electronics	20000.00
	2	kandula	kandularamana630@gmail.com	Chennai	112	2	4	1	2025-08-10	4	Watch	Accessories	4500.00
	3	Charlie	charlie@gmail.com	Bangalore	103	3	3	3	2025-08-05	3	Shoes	Footwear	3000.00
	3	Charlie	charlie@gmail.com	Bangalore	113	3	6	3	2025-08-11	6	Backpack	Bags	1500.00
	4	David	david@gmail.com	Mumbai	114	4	8	1	2025-08-11	8	Power Bank	Electronics	1500.00
	5	Eva	eva@gmail.com	Andhra	105	5	5	1	2025-08-07	5	Tablet	Electronics	30000.00
	5	Eva	eva@gmail.com	Andhra	115	5	10	1	2025-08-12	10	Gaming Mouse	Electronics	2500.00
	6	Frank	frank@gmail.com	Pune	106	6	6	2	2025-08-07	6	Backpack	Bags	1500.00
	6	Frank	frank@gmail.com	Pune	116	6	3	2	2025-08-12	3	Shoes	Footwear	3000.00
	7	Grace	grace@gmail.com	Kolkata	107	7	7	1	2025-08-08	7	T-shirt	Clothing	800.00
	7	Grace	grace@gmail.com	Kolkata	117	7	5	1	2025-08-12	5	Tablet	Electronics	30000.00

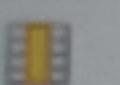
Result 23 ×

Output Action Output Message

75

76 • select name, price as highest_price from products where price=(select max(price) from products);

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	name	highest_price
▶	Laptop	75000.00

The screenshot shows a SQL query being run in SQL Server Management Studio. The query retrieves data from three tables: customers, orders, and products. It calculates various statistics such as total, maximum, minimum, and average price. The results are displayed in a grid.

```
72 • select * from customers c inner join orders o on c.id=o.customer_id inner join products p on p.id = o.product_id;
73
74 • select sum(price) as total,max(price) as maximum,min(price) as minimum, avg(price) as average from products;
75
76 • select name, price as second_highest_price from products where price=(select max(price) from products
77     where price<(select max(price) from products));
78
79 • select name, price as highest_price from products order by price desc limit 1;
80
81
82
83
```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content:

	name	price
▶	Tablet	30000.00

Result 45 ×

Output

Action Output

Message

Time Action

10 row(s) returned

```
90 •   select * from products;
91
92 •   create index idx_orders_customer_id on orders(customer_id);
93
94 •   SELECT * FROM orders WHERE customer_id = 5;
95
```

Result Grid | Filter Rows: Edit: Export/Import: Wrap Cell Content:

	id	customer_id	product_id	quantity	order_date
▶	105	5	5	1	2025-08-07
●	115	5	10	1	2025-08-12
●	NULL	NULL	NULL	NULL	NULL