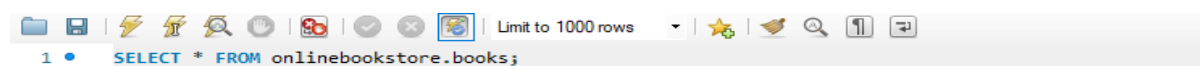










**BOOK TABLE →**



<b>Result Grid</b>			Filter Rows: <input type="text"/>	Edit:   	Export/Import:  	Wrap Cell Content: 
	book_id	title	author	price		
▶	1	Book A	Author X	10.00		
	2	Book B	Author Y	15.00		
	3	Book C	Author X	20.00		
	4	Book D	Author Z	25.00		
	5	Book E	Author Y	30.00		
⌵	NULL	NULL	NULL	NULL		

**CUSTOMER TABLE→**

```
1 ● SELECT * FROM onlinebookstore.customers;
```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

customer_id	name	email
1	viraj	viraj@example.com
2	karan	karan@example.com
3	Raj	raj1@example.com
4	David	david@example.com
5	Avi	Avi@example.com
NULL	NULL	NULL

## ORDER TABLE→

Result Grid				Filter Rows:	Edit:
	order_id	customer_id	order_date		
▶	1	1	2024-01-10		
	2	1	2024-02-15		
	3	2	2024-03-20		
	4	3	2024-04-05		
	5	1	2024-06-10		
	6	2	2024-07-20		
	7	3	2024-08-25		
	8	4	2024-02-01		
	9	5	2024-05-15		
	10	1	2024-09-30		
✱	NULL	NULL	NULL		

## ORDERDETAILS→

	order_id	book_id	quantity
▶	1	1	3
	1	2	2
	2	1	1
	3	1	4
	3	2	1
	4	3	5
	5	4	2
	6	2	3
	7	5	1
	8	3	4
	9	4	3
	10	1	7

## QUERIES FOR THIS

### Query 1-

```
1  use onlinebookstore;
2
3  • SELECT c.customer_id, c.name, SUM(od.quantity) AS total_quantity
4  FROM Customers c
5  JOIN Orders o ON c.customer_id = o.customer_id
6  JOIN OrderDetails od ON o.order_id = od.order_id
7  WHERE o.order_date >= DATE_SUB(CURDATE(), INTERVAL 1 YEAR)
8  GROUP BY c.customer_id, c.name
9  ORDER BY total_quantity DESC
10 LIMIT 5;
11
```

customer_id	name	total_quantity
1	viraj	15
2	karan	8
3	Raj	6
4	David	4
5	Avi	3

### QUERY 2-

```

1  use onlinebookstore;
2
3  • SELECT b.author, SUM(b.price * od.quantity) AS total_revenue
4  FROM Books b
5  JOIN OrderDetails od ON b.book_id = od.book_id
6  JOIN Orders o ON od.order_id = o.order_id
7  GROUP BY b.author
8  ORDER BY total_revenue DESC;
9
10

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
author	total_revenue			
Author X	330.00			
Author Z	125.00			
Author Y	120.00			

### QUERY 3->

```

1  use onlinebookstore;
2
3  • SELECT b.book_id, b.title, SUM(od.quantity) AS total_quantity
4  FROM Books b
5  JOIN OrderDetails od ON b.book_id = od.book_id
6  GROUP BY b.book_id, b.title
7  HAVING total_quantity > 10;
8
9

```

Result Grid				Filter Rows:	Export:	Wrap Cell Content:
book_id	title	total_quantity				
1	Book A	15				