

TASK 7

```
CREATE TABLE customers (  
customer_id INT PRIMARY KEY,  
name VARCHAR(50),  
email VARCHAR(100),  
city VARCHAR(50)  
);
```

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```

```
CREATE TABLE orders (  
order_id INT PRIMARY KEY,  
customer_id INT,  
product VARCHAR(50),  
quantity INT,  
price DECIMAL(10,2),  
order_date DATE,  
FOREIGN KEY (customer_id) REFERENCES customers(customer_id)  
);
```

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```
INSERT INTO customers (customer_id, name, email, city) VALUES  
(1, 'Rohan Desai', 'rohan.desai@example.com', 'Pune'),  
(2, 'Kavya Iyer', 'kavya.iyer@example.com', 'Bengaluru'),  
(3, 'Aditya Kapoor', 'aditya.kapoor@example.com', 'Chennai'),  
(4, 'Meera Joshi', 'meera.joshi@example.com', 'Delhi');
```

```
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```

```
INSERT INTO orders (order_id, customer_id, product, quantity, price, order_date) VALUES  
(201, 1, 'Smartwatch', 1, 7500.00, '2025-08-01'),  
(202, 1, 'Wireless Mouse', 1, 1200.00, '2025-08-02'),  
(203, 2, 'Gaming Laptop', 1, 85000.00, '2025-08-03'),  
(204, 3, 'Bluetooth Speaker', 2, 4500.00, '2025-08-04'),  
(205, 3, 'External Hard Drive', 1, 5000.00, '2025-08-05'),  
(206, 4, '4K Television', 1, 60000.00, '2025-08-06'),
```

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(207, 4, 'Air Purifier', 1, 12000.00, '2025-08-07');
```

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```
CREATE VIEW customer_order_summary AS
```

```
SELECT
```

```
c.customer_id,
```

```
c.name AS customer_name,
```

```
c.city,
```

```
o.order_id,
```

```
o.product,
```

```
o.quantity,
```

```
o.price,
```

```
(o.quantity * o.price) AS total_amount,
```

```
o.order_date
```

```
FROM customers c
```

```
JOIN orders o
```

```
ON c.customer_id = o.customer_id
```

```
WHERE o.price > 1000
```

```
ORDER BY o.order_date DESC;
```

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```

```
SELECT * FROM customer_order_summary;
```

Grid view

Form view

1

Total rows loaded: 7

	customer	customer name	city	order id	product	quantity	price	total amount	order date
1	4	Meera Joshi	Delhi	207	Air Purifier	1	12000	12000	2025-08-07
2	4	Meera Joshi	Delhi	206	4K Television	1	60000	60000	2025-08-06
3	3	Aditya Kapoor	Chennai	205	External Hard Drive	1	5000	5000	2025-08-05
4	3	Aditya Kapoor	Chennai	204	Bluetooth Speaker	2	4500	9000	2025-08-04
5	2	Kavya Iyer	Bengaluru	203	Gaming Laptop	1	85000	85000	2025-08-03
6	1	Rohan Desai	Pune	202	Wireless Mouse	1	1200	1200	2025-08-02
7	1	Rohan Desai	Pune	201	Smartwatch	1	7500	7500	2025-08-01