

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, 'Amit Sharma', 'amit@example.com', 'Surat'),  
(2, 'Neha Patel', 'neha@example.com', 'Ahmedabad'),  
(3, 'Raj Mehta', 'raj@example.com', 'Vadodara'),  
(4, 'Priya Singh', 'priya@example.com', 'Mumbai');
```

```
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```

```
INSERT INTO orders (order_id, customer_id, product, quantity, price, order_date) VALUES  
(101, 1, 'Laptop', 1, 55000.00, '2025-08-01'),  
(102, 1, 'Mouse', 2, 800.00, '2025-08-02'),  
(103, 2, 'Mobile', 1, 20000.00, '2025-08-03'),  
(104, 3, 'Tablet', 1, 15000.00, '2025-08-04'),  
(105, 3, 'Keyboard', 1, 1200.00, '2025-08-05'),  
(106, 4, 'Headphones', 2, 3000.00, '2025-08-06'),
```

```
(107, 4, 'Monitor', 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;
```

```
=====
```

```
SELECT * FROM customer_order_summary;
```

Grid view

Form view

1

Total rows loaded: 6

	customer	customer name	city	order id	product	quantity	price	total amount	order date
1	4	Priya Singh	Mumbai	107	Monitor	1	12000	12000	2025-08-07
2	4	Priya Singh	Mumbai	106	Headphones	2	3000	6000	2025-08-06
3	3	Raj Mehta	Vadodara	105	Keyboard	1	1200	1200	2025-08-05
4	3	Raj Mehta	Vadodara	104	Tablet	1	15000	15000	2025-08-04
5	2	Neha Patel	Ahmedabad	103	Mobile	1	20000	20000	2025-08-03
6	1	Amit Sharma	Surat	101	Laptop	1	55000	55000	2025-08-01