Answer Script

Question No. 01

1. Customers (id, Name), Orders (id, customerld) We have these two tables. Give me the names of the customers who never ordered. **25**

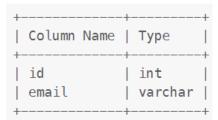
Answer No. 01

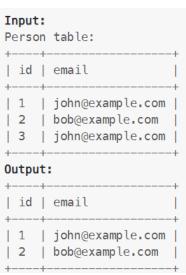
SQL Query:

SELECT c.name as Customers FROM Customers c LEFT JOIN orders o ON c.id = o.customerId WHERE o.customerId IS NULL;

Question No. 02

2. Following tables are given. Delete the rows of duplicate emails. **25** Person





Answer No. 02

SQL Query:

DELETE p1

FROM Person p1, Person p2

WHERE p1.email = p2.email AND p1.ld > p2.ld;

Question No. 03

3. Look at the following table

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id is the primary key for this table.

This table contains information about the temperature on a certain day.

Write an SQL query to find all dates' **Id** with higher temperatures compared to its previous dates (yesterday).

Input:

Weather table:

+	 	·+
id	recordDate	temperature
1	2015-01-01	10
2	2015-01-02	25
3	2015-01-03	20
4	2015-01-04	30
4		

Output:

```
| id |
```

| 2 | | 4 |

Explanation:

In 2015-01-02, the temperature was higher than the previous day (10 $-\!\!>$ 25).

In 2015-01-04, the temperature was higher than the previous day (20 \rightarrow 30).

Answer No. 03

SQL Query:

SELECT w1.id FROM Weather w1, Weather w2 WHERE w1.temperature > w2.temperature AND datediff(w1.recordDate, w2.recordDate)=1;

Question No. 04

4. From the HR Database, determine the second highest salary of an employee. **25**

Answer No. 04

SQL Query:

SELECT Salary FROM Employees ORDER BY Salary DESC LIMIT 1 OFFSET 1;