**SQL JOIN Queries Quiz**

**Question 1**

Which of the JOIN operations do not preserve non matched tuples?

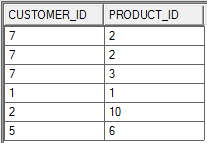
* Inner join

**Question 2**

Consider the following ORDER\_ITEM and CUSTOMER\_ORDER tables:

|  |  |
| --- | --- |
| CUSTOMER\_ORDER | ORDER\_ITEM |
|  |  |

Which of the following statement returns the following output?



* *SELECT CUSTOMER\_ID, PRODUCT\_ID*

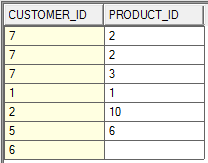
*FROM ORDER\_ITEM NATURAL JOIN CUSTOMER\_ORDER;*

**Question 3**

Consider the following ORDER\_ITEM and CUSTOMER\_ORDER tables:

|  |  |
| --- | --- |
| CUSTOMER\_ORDER | ORDER\_ITEM |
| A screenshot of a computer  Description automatically generated | A screenshot of a computer  Description automatically generated |

Which of the following statement returns the following output?



* *SELECT CUSTOMER\_ID, PRODUCT\_ID*

*FROM ORDER\_ITEM NATURAL RIGHT JOIN CUSTOMER\_ORDER;*

**Question 4**

Consider the following ORDER\_ITEM and CUSTOMER\_ORDER tables:

|  |  |
| --- | --- |
| CUSTOMER\_ORDER | ORDER\_ITEM |
| A screenshot of a computer  Description automatically generated | A screenshot of a computer  Description automatically generated |

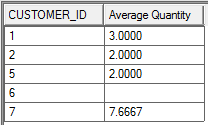
Which of the following result sets was produced by this SQL query?

*SELECT CUSTOMER\_ID, AVG(quantity) AS "Average Quantity"*

*FROM ORDER\_ITEM NATURAL RIGHT JOIN CUSTOMER\_ORDER*

*GROUP BY CUSTOMER\_ID;*

A screenshot of a computer

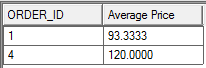
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**Question 5**

Consider the following ORDER\_ITEM and CUSTOMER\_ORDER tables:

|  |  |
| --- | --- |
| CUSTOMER\_ORDER | ORDER\_ITEM |
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Which of the following SQL statements produced this result?



* *SELECT ORDER\_ID, AVG(UNIT\_PRICE) AS "Average Price"*

*FROM ORDER\_ITEM NATURAL JOIN CUSTOMER\_ORDER*

*GROUP BY ORDER\_ID*

*having AVG(UNIT\_PRICE) > 50;*

**Question 6**

Consider the following ORDER\_ITEM and CUSTOMER\_ORDER tables:

|  |  |
| --- | --- |
| CUSTOMER\_ORDER | ORDER\_ITEM |
| A screenshot of a computer  Description automatically generated | A screenshot of a computer  Description automatically generated |

Which of the following statements would calculate the order total of all orders?

* *SELECT CUSTOMER\_ID, ORDER\_ID, SUM(UNIT\_PRICE\*QUANTITY) AS TOTAL*

*FROM ORDER\_ITEM NATURAL JOIN CUSTOMER\_ORDER*

*GROUP BY ORDER\_ID, CUSTOMER\_ID;*

**Question 7**

Which of the following statements is **false**?

* Views store the data that is not stored in any of the underlying tables.

**Question 8**

What does the NATURAL JOIN command do?

* It joins the table using the columns with identical names.