

## Quiz

1. To eliminate duplicate rows in the result, include the DISTINCT keyword in the select clause immediately after the SELECT keyword



Feedback:

DROP

DESCRIBE

## 04 - Basic SQL SELECT Statement - Quiz

### Quiz

Score 0.00 of 1

2. Which of the following statements is true regarding the default behaviour of the order by clause?

<input type="radio"/>	Only those columns that are specified in the SELECT list can be used in the order by clause
	<b>Feedback:</b> character values are treated case sensitive while sorting
	Numeric values are displayed from the maximum to the minimum value
	NULL values are not considered at all by sort operation
<input checked="" type="radio"/>	In a character sort, the values are case sensitive

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## 04 - Basic SQL SELECT Statement - Quiz

### Quiz

and a tax of 15% are applied on it. Freight charges of \$100 have to be applied to all the products.

```
SQL>SELECT prod_name,prod_list_price-(prod_list_price*(25/100)) + (prod_list_price-(prod_list_price*(25/100))*(15/100))+100 AS "TOTAL PRICE"
FROM products
```

What would be the outcome if all the parentheses are removed from the above statement?

<input type="radio"/>	It produces a syntax error.
<input checked="" type="radio"/>	The result remains unchanged.
<input type="radio"/>	The total price value would be lower than the correct value
	<b>Feedback:</b> it produces the same result as there will no change in the operators precedence.
<input type="radio"/>	The total price value would be higher than the correct value.

#### 04 - Basic SQL SELECT Statement - Quiz

### Quiz

CUSTNO	TRANSDATE	TRANSAMT
11	01-JAN-07	1000
22	01-FEB-07	2000
33	01-MAR-07	3000



Dates are stored in the default date format dd-mm-rr in the CUST\_TRANS table. Which of the below SQL statements would execute successfully?

- i. SELECT transdate + '10' FROM cust\_trans;
- ii. SELECT \* FROM cust\_trans WHERE transdate = '01-01-07';
- iii. SELECT transamt FROM cust\_trans WHERE custno > '11';
- iv. SELECT \* FROM cust\_trans WHERE transdate='01-JANUARY-07';
- v. SELECT custno + 'A' FROM cust\_trans WHERE transamt > 2000;

<input type="radio"/>	ii, iii, iv
<input type="radio"/>	iii, iv, v
<input type="radio"/>	i, iii, iv
<input checked="" type="radio"/>	i, ii, iii

## Quiz

5. Evaluate these two SQL statements:  
 SELECT last\_name, salary, hire\_date FROM EMPLOYEES ORDER BY salary DESC;  
 SELECT last\_name, salary, hire\_date FROM EMPLOYEES ORDER BY 2 DESC;  
 What is true about them?

- |   |  |
|---|--|
|  | The two statements produce identical results.  |
|  | <p>The second statement returns a syntax error.</p> <p><b>Feedback:</b><br/>ORDER BY 2 means, sort by 2nd column in the SELECT list.</p> |
|   | There is no need to specify DESC because the results are sorted in descending order by default.  |
|   | The two statements can be made to produce identical results by adding a column alias for the salary column in the second SQL statement.  |



#### 04 - Basic SQL SELECT Statement - Quiz

### Quiz

	<pre>OR book_cost = 'PR' AND book_cost &gt; 100;</pre>
	<pre>SELECT book_title FROM Books WHERE book_type = 'DB' OR book_cost = 'PR' OR book_cost &gt; 100;</pre>
<input checked="" type="checkbox"/>	<pre>SELECT book_title FROM Books WHERE (book_type = 'DB' OR book_type = 'PR') AND book_cost &gt; 100;</pre>

## 04 - Basic SQL SELECT Statement - Quiz

### Quiz

04 - Basic SQL SELECT Statement - Quiz

Total number of questions in the quiz: 10  
Total attempts of this Quiz: 1  
Total attempts so far: 1  
Total time limit: 10 minutes  
Total number of questions attempted: 7  
Please Note : You can close the quiz at any time.


7. Identify the Error in the below query:  
select name, Salary\*12 as "Annual Salary"  
From employees  
where Annual Salary > 50000

<input type="checkbox"/>	Annual salary in the where clause must be enclosed in double quotes
<input type="checkbox"/>	Annual salary in the where clause must be enclosed in single quotes
<input type="checkbox"/>	Error, Column cannot be aliased in SQL
<input checked="" type="checkbox"/>	Error, Column alias cannot be used in the where clause
<b>Feedback:</b> Column Alias cannot be used in the where clause	

#### 04 - Basic SQL SELECT Statement - Quiz

### Quiz

select name, Salary as "Emp Sal"  
From employees  
where Salary > 50000  
order by "Emp Sal"

	Column alias cannot be used in the order by clause
<b>Feedback:</b> Column Alias can be used in order by clause, optionally enclosed with a quote	
<input type="radio"/>	in SQL columns cannot be aliased
<input type="radio"/>	column alias should be enclosed in double quotes in the order by clause
<input checked="" type="radio"/>	No error



## 04 - Basic SQL SELECT Statement - Quiz

### Quiz

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9. In descending order Sort NULL will be placed

<input checked="" type="radio"/>	on Top
<input type="radio"/>	At last
	<b>Feedback:</b> In descending order sort null will be placed on top
	Null will be ignored
	Error

## 04 - Basic SQL SELECT Statement - Quiz

### Quiz

Score 0.00 of 1

10. In ascending order sort NULL will be placed

<input type="radio"/>	on Top
<input type="radio"/>	At last
<input type="radio"/>	Null will be ignored
<input type="radio"/>	Error

Total number of questions in the quiz

Total attempts of this Quiz

Total attempts so far

Total time limit

Total number of questions attempted

Please Note : You can close the quiz at any time

#### 04 - Basic SQL SELECT Statement - Quiz

### Quiz

11. Consider the condition given in the where:  
department\_id in (10,20,30)  
This condition is equivalent to?

<input type="checkbox"/>	department_id = 10 AND department_id = 20 OR department_id = 30
<input type="checkbox"/>	department_id = 10 AND department_id = 20 AND department_id = 30
<input checked="" type="checkbox"/>	department_id = 10 OR department_id = 20 OR department_id = 30
	<b>Feedback:</b> IN a replacement of multiple OR conditions
<input type="checkbox"/>	department_id = 20 or 30

## Quiz

12. Which operator would you use to filter columns for NULL



IS NULL

**Feedback:**

IS NULL and IS NOT null is used

IS 'NULL'

= NULL

= 'NULL'


Score 1.00 of 1

#### 04 - Basic SQL SELECT Statement - Quiz

### Quiz

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13. Which is the following is the equivalent query to the below:  
select last\_name  
from employees  
where salary >=5000 and salary<=10000

	select last_name from employees where salary BETWEEN 5000 and 10000
<b>Feedback:</b> To filter based on the range of values(inclusive of the range value) between is used	
	select last_name from employees where salary >=5000 OR salary<=10000



#### 04 - Basic SQL SELECT Statement - Quiz

### Quiz

04 - Basic SQL SELECT Statement - Quiz

Total number of questions in the quiz: 15  
Total attempts of this Quiz: 1  
Total attempts so far: 1  
Total time limit: 15 minutes  
Total number of questions attempted: 14  
Please Note : You can close the quiz at any time.

14. Identify the order of execution of the clauses in the select statement:

<input type="radio"/>	select, From, where, order by
<input checked="" type="radio"/>	From, where, select, order by
<b>Feedback:</b> The order of execution is : from a table, restrict the rows, select the columns and sort the data	
<input type="radio"/>	select, From, order by where
<input type="radio"/>	From, select, where, order by

Score 1.00 of 1

15. How do you retrieve all the columns from a table

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### Quiz

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15. How do you retrieve all the columns from a table

<input checked="" type="checkbox"/>	select * from table_name
<input type="checkbox"/>	Feedback: * in select represents all columns
<input type="checkbox"/>	select all from table_name
<input type="checkbox"/>	select all_columns from table_name
<input type="checkbox"/>	None