Started on	Wednesday, March 22, 2023, 10:10 AM	
State	Finished	
Completed on	Wednesday, March 22, 2023, 10:30 AM	
Time taken	20 mins 32 secs	
Grade	<b>90.0</b> out of 100.0	
Question 1		
Correct		
8.0 points out of 8.0		
	best word(s) to fill in the blank and complete each statement. the rows that are returned by a SELECT statement, you must include a/an	WHERE
	clause.	VVIIERE
		•
To return all of the o	columns from the base table, you can code the operator in the SELECT	asterisk, *
		<b>*</b>
Unless you assign a	a/an, the column name in the result set is the same as	alias, column alias
		<b>~</b>
To concatenate cha	aracter strings, you use the function in a string expression.	CONCAT
		<b>~</b>
To override the orde	er of precedence in an arithmetic expression, you can use	parentheses
		<b>*</b>
To prevent duplicate rows from being returned by a SELECT statement, you can code the		DISTINCT
keyword in the SEL	ECT clause.	✓
To sort the rows that this ORDER BY cla	at are retrieved by a SELECT statement in descending sequence by invoice_total, you code use:	DESC
ORDER BY invoice	e_total	DL00
	<del>-</del>	•
To search for null va	alues, use the clause.	IS NULL
		<b>y</b>

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Qı	Jes	tio	n	_

Correct

8.0 points out of 8.0

Please choose the best word(s) to fill in the blank and complete each statement.

Code example:

SELECT vendor\_name, invoice\_date

FROM vendors v JOIN invoices i

ON v.vendor\_id = i.vendor\_id

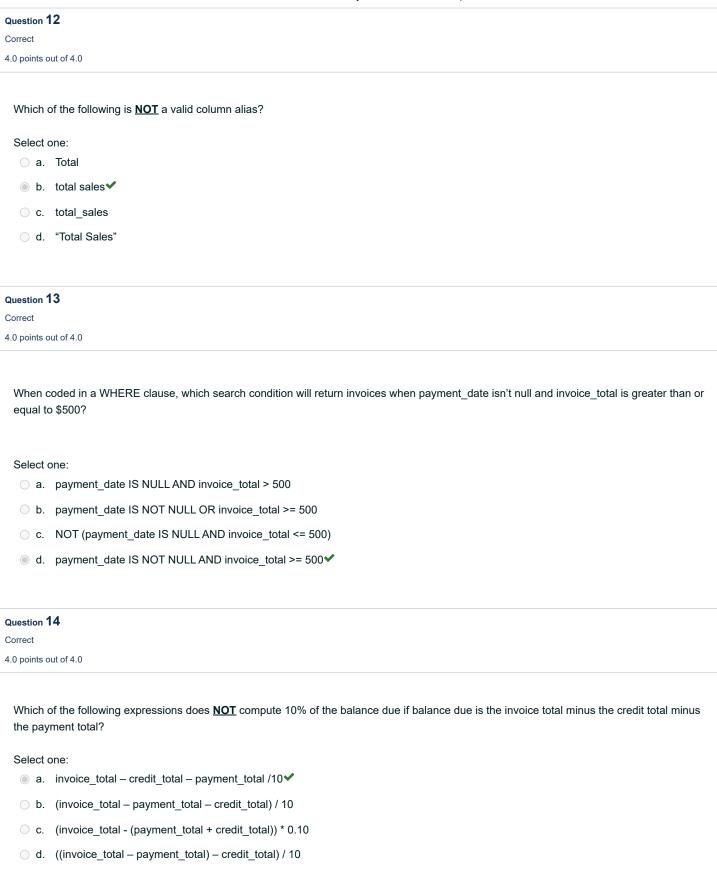
In most cases, the join condition of an inner join compares the primary key of one table to the key of another table.	foreign
In most cases, the join condition of an inner join uses the operator to compare two keys.	equals (=)
A table can be used when you want to assign a temporary name to a table.	alias
If you want to join all of the rows in the first table of a SELECT statement with just the matched rows in a second table, you use a/an join.	LEFT OUTER
When you use the implicit syntax for coding joins, the join conditions are coded in the clause.	WHERE
(Refer to code example) This type of join is called a/an join.	INNER 🗸
(Refer to code example) The "v" in this example is known as a/an	table alias
You can combine inner and outer joins within a single statement.	SELECT

Question 3	
Correct	
8.0 points out of 8.0	
Please choose the best word(s) to fill in the blank and complete each statement.	
An aggregate expression to find the oldest date in the invoice_date column:	MIN(invoice_date)
An aggregate expression to find the vendor_name column that's last in alphabetical order:	MAX(vendor_name)
An aggregate expression for the number of entries in the vendor_name column:	COUNT(vendor_name)
When coding a query, you can add one or more summary rows to a result set that uses grouping and aggregates by coding the operator.	WITH ROLLUP
An aggregate expression for the number of unique values in the vendor_id column:	COUNT(DISTINCT vendor_id)
A SELECT statement that includes aggregate functions is often called a/an query.	summary
An aggregate expression to calculate the average value of the invoice_total column:	AVG(invoice_total)
All of the aggregate functions ignore null values, except for thefunction.	COUNT(*)
Question 4 Correct 2.0 points out of 2.0	
The ORDER BY clause of the SELECT statement specifies the table that contains the data.  Select one:	
a. True	
● b. False❤	
© D. 1 also -	

Question 5
Correct
2.0 points out of 2.0
The syntax for CONCAT_WS requires you to list the strings you with to concatenate, followed by the separator to use between each string.  Select one:  a. True
b. False     ✓
Question 6 Correct 2.0 points out of 2.0
When you code a SELECT statement, you must code the four main clauses in the following order SELECT, FROM, WHERE, ORDER BY.  Select one:  a. True  b. False
Question 7 Incorrect 0.0 points out of 2.0
When using an aggregate function to calculate the average value of the invoice_total column, the correct syntax would be AVG(invoiceTotal).  Select one:  a. True *  b. False
Question 8  Correct  2.0 points out of 2.0

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Question 9	
Correct	
2.0 points out of 2.0	
COUNT(DISTINCT vendor_id) is an aggregate expression	on for the number of unique not null values in the vendor_id column.
Select one:	
a. True  ✓	
○ b. False	
Question 10	
Correct	
4.0 points out of 4.0	
Which of the following WHERE clauses will return vendo	r names from A to C?
Select one:	
a. WHERE vendor_name = D	
b. WHERE vendor_name < 'D'	
c. WHERE vendor_name = 'D'	
d. WHERE vendor_name < 'C'	
Question 11	
Correct	
4.0 points out of 4.0	
When coded in a WHERE clause, which of the following	would <b>NOT</b> return rows for vendors in the cities of San Diego and Santa Ana?
Select one:	
○ a. vendor_city RLIKE 'SAN'	
b. vendor_city RLIKE 'NA\$'	
O	

c. vendor\_city RLIKE '^SA'



Question 15	
Correct	
4.0 points out of 4.0	
When you code an ORDER BY clause, you can specify a	
Select one:	
a. column name or alias only	
b. column name or expression only	
c. column name, alias, or expression only	
Question 16	
Incorrect	
0.0 points out of 4.0	
When coded in a WHERE clause, which of the following search con- invoice_total value of \$1000 or less?  Select one:	ditions will <u>NOT</u> return a result set that includes all invoices with an
○ a. invoice_total <= 1000	
b. NOT (invoice_total > 1000)	
c. invoice_total IN (0,1000)	
c. invoice_total IN (0,1000) d. invoice_total BETWEEN 0 AND 1000	
d. invoice_total BETWEEN 0 AND 1000	
d. invoice_total BETWEEN 0 AND 1000  Question 17  Correct	
d. invoice_total BETWEEN 0 AND 1000	
d. invoice_total BETWEEN 0 AND 1000  Question 17  Correct	ead of combining columns from base tables, a union
Question 17 Correct 4.0 points out of 4.0	ead of combining columns from base tables, a union
Question 17 Correct 4.0 points out of 4.0  Like a join, a union combines data from two or more tables. But, inst	ead of combining columns from base tables, a union
Question 17 Correct 4.0 points out of 4.0  Like a join, a union combines data from two or more tables. But, inst	ead of combining columns from base tables, a union
Question 17 Correct 4.0 points out of 4.0  Like a join, a union combines data from two or more tables. But, inst  Select one:  a. is coded in the ORDER BY clause	ead of combining columns from base tables, a union

Question 18
Correct
4.0 points out of 4.0
When you use the USING keyword for a join,
Select one:
a. the join can't be an outer join
○ b. the join can't be done on more than one column
⊚ c. the join must be based on a column or columns that have the same name in both tables
○ d. the join must be an inner join
Question 19
Correct
4.0 points out of 4.0
In a cross join, all of the rows in the first table are joined with all of the
Select one:
a. distinct rows in the second table
<ul><li>b. matched rows in the second table</li><li>c. unmatched columns in the second table</li></ul>
■ d. rows from the second table     ✓
Question 20
Correct
4.0 points out of 4.0
You can simulate a full outer join by using
Select one:
a. a union     √
b. the ON clause
c. a left outer join
○ d. a self join

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Question 21
Correct
4.0 points out of 4.0
In a join, column names need to be qualified only
Select one:
a. in inner joins
○ b. in outer joins
c. when the code is confusing
Question 22
Incorrect
0.0 points out of 4.0
SELECT vendor_name, invoice_number
FROM invoices LEFT JOIN vendors
ON invoices.vendor_id = vendors.vendor_id
The total number of rows returned by this query must equal
Select one:
a. the number of rows in the Invoices table
c. the number of rows in the Invoices table plus the number of rows in the Vendors table
Question 23
Correct
4.0 points out of 4.0
The six clauses of the SELECT statement must be coded in the following order:
Select one:
Selectione:  ○ a. SELECT, FROM, GROUP BY, HAVING, WHERE, ORDER BY
○ b. SELECT, FROM, WHERE, ORDER BY, GROUP BY, HAVING

https://moodle.abtech.edu/mod/quiz/review.php?attempt=3528398&cmid=4071827

c. SELECT, FROM, WHERE, GROUP BY, HAVING, ORDER BYd. SELECT, FROM, ORDER BY, WHERE, GROUP BY, HAVING

,	
Question 24	
Correct	
4.0 points out of 4.0	
Which of the statements below best describes the result s	set returned by this SELECT statement?
SELECT vendor_id,	
SUM(invoice_total - payment_total - credit_total) AS	column_2
FROM invoices	_
WHERE invoice_total - payment_total - credit_total > 0	D
GROUP BY vendor_id	
Orleadores	
Select one:  a. The unpaid balance for each invoice	
<ul><li>b. The total unpaid balance due for each vendor_id</li></ul>	•
<ul><li>c. The total amount invoiced by each vendor_id</li></ul>	
<ul> <li>d. The total of paid invoices for each vendor_id</li> </ul>	
Question 25	
Correct	
4.0 points out of 4.0	
Which of the statements below best describes the result s	set returned by this SELECT statement?
SELECT vendor_state, COUNT(*) AS column_2	
FROM vendors	
GROUP BY vendor_state	
HAVING COUNT(*) > 1;	
Select one:	
<ul> <li>a. The names of the vendors in each state</li> </ul>	
<ul> <li>b. The duplicate vendors from each state</li> </ul>	

o. The number of vendors in each state