

✓ Congratulations! You passed!

TO PASS 80% or higher

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Retake the assignment in **7h 41m**

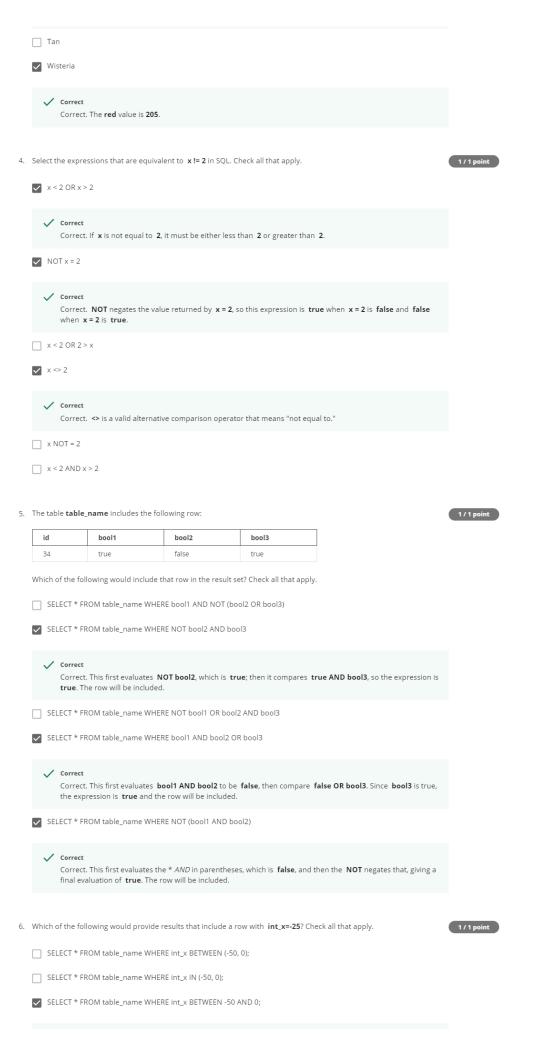
grade 90%

Week 3 Core Quiz

Correct. The red value is 205.

LATEST SUBMISSION GRADE

)(0.70	
1.	For which of these tasks would you need to use a WHERE clause? Check all that apply. For a table that includes which of many offices each employee works, finding all the employees in the Chicago office	1/1 point
	Correct Correct. A WHERE clause can look for rows that show the condition that the employee's office is Chicago.	
	For a table of web logs, which show the IP addresses of every visit, removing rows with duplicate IP addresses	
	For a table of inventory items, including quantity and price, finding all inventory items priced under \$5	
	Correct Correct. A WHERE clause can look for rows that show the condition that the price is less than \$5.	
	For a table of pets, including their owners and ages, finding the range of values in their ages	
2.	The following query will fail:	1/1 point
	SELECT name, shop, aisle FROM fun.inventory WHERE price + 5;	
	What are the issues with this query? Check all that apply.	
	The expression in the WHERE clause must evaluate to a Boolean value	
	Correct Correct. The expression price + 5 returns a number, not a true or false value, so the engine be able to choose whether to include a row or not.	
	The table reference in the FROM clause cannot have a dot (.) in the name.	
	The column in the WHERE clause is not in the SELECT list	
	☐ The expression in the WHERE clause must be in the SELECT list	
3.	Write and run a query on wax.crayons to find colors with 205 as the red value. Which of the following colors are returned? Check all that apply.	1/1 point
	Almond	
	✓ Antique Brass	
	✓ Correct Correct. The red value is 205 .	
	Atomic Tangerine	
	Banana Mania	
	✓ Mahogany	
	✓ Correct Correct. The red value is 205.	
	✓ Silver	
	Correct	



/	Correc	t ct. Since -50 ≤ -25 ≤ 0, -25 is E	BETWEEN -50 AND	0.		
✓ SEI	LECT * I	FROM table_name WHERE int	_x NOT IN (-50, 0);			
/	Correc	t				
	Corre	ct. Since -25 is neither -50 nor	0, -25 is NOT IN ((-50, 0).		
SEI	LECT * I	FROM table_name WHERE int	_x NOT BETWEEN	(-50, 0);		
SEI	LECT * I	FROM table_name WHERE int	_x IN -50 AND 0;			
SEI	LECT * I	FROM table_name WHERE int	_x NOT BETWEEN	-50 AND 0;		
SEI	LECT * I	FROM table_name WHERE int	_x not in -50 and	0;		
he stu	dent is	shows just a few rows from a getting the highest scores po	ssible. Absences is			
		punishment for bad behavior	·.)			
tuden	ıs			I		
id 930		name Olufunmilayo Ayton	age	gpa 4.00	absences	detentions 2
667		Vincent Michaelson	15	2.53	12	0
907		Asa Quigg	15	3.57	1	0
168		Kiran Patil	17	3.28	0	3
368		Amaal Al-Amin	16	4.00	NULL	2
✓ Kir	an Patil	t ct. This student has 1 absence				
	naal Al- <i>i</i>	Amin				
Ollowir		ole in the default database o d provide that row in the res			NULL in state_pro	vince column. Which of the
	ng woul		ult? Check all that a	apply.		
SEI	ng woul	d provide that row in the res	ult? Check all that a	apply. nta Fe" AND s		
SEI	ng woul	d provide that row in the res	ult? Check all that a tate_province="Sai tate_province IS No	apply. nta Fe" AND s OT NULL		
SEI SEI	LECT * † LECT * † LECT * †	d provide that row in the resi from default.offices WHERE s from default.offices WHERE s from default.offices WHERE s	ult? Check all that a tate_province="Sai tate_province IS Ni tate_province IS Ni	apply. nta Fe" AND s OT NULL ULL	tate_province IS NC	OT NULL
SEI SEI	ng would LECT * f LECT * f Correct Correct	d provide that row in the resifrom default.offices WHERE s from default.offices WHERE s from default.offices WHERE s	ult? Check all that a tate_province="Sai tate_province IS Ni tate_province IS Ni	apply. nta Fe" AND s OT NULL ULL on in the WH	tate_province IS NO	of NULL and the row is included.
SEI SEI	LECT * † LECT * † Correct Correct LECT * †	d provide that row in the resi from default.offices WHERE s from default.offices WHERE s from default.offices WHERE s t tt. Since state_province is N	ult? Check all that a tate_province="Sai tate_province IS No tate_province IS No tull, the expression	apply. nta Fe" AND s OT NULL ULL on in the WH nta Fe" OR sta	tate_province IS NO ERE clause is true ite_province IS NOT	and the row is included.
SEI SEI SEI SEI	LECT * 1 Correct Correct LECT * 1 Correct Correct Correct Correct Correct Correct Correct	d provide that row in the resifrom default.offices WHERE suffrom default.offices	ult? Check all that a tate_province="Sai tate_province IS Ni tate_province IS Ni JULL, the expression tate_province="Sai tate_province="Sai	apply. nta Fe" AND s OT NULL ULL on in the WH nta Fe" OR sta	ERE clause is true tte_province IS NOT	and the row is included. NULL

_ £_11_



CASE WHEN score = -1 THEN NULL ELSE score END

if(score = -1, NULL, score)



id	name	age	gpa	absences	detentions
68	Amaal Al-Amin	16	4.00	NULL	2
] WHER	ne following WHERE clauses w E gpa < 3.50 AND absences < 3 E absences < 3		aal's row wher	n used in a SELECT q	uery? Check all that apply.
_	E NOT absences < 3				
WHER	E gpa > 3.50 AND absences < 3	3			
WHER	E gpa < 3.50 OR absences < 3				
Inc	is should not be selected correct. You might want to revi e conditions under which an C				ors" and pay attention to
] WHER	E gpa > 3.50 OR absences < 3				
he value •	database in which some bad 1. For your purposes, you can mn with -1 but otherwise leav	do more with va	lues marked -	1 , so you want to rep	lace all NULL values in the
✓ CASE \	WHEN score IS NULL THEN -1 E	ELSE score END			
✓ c∘	rrect rrect. If score IS NULL is tru e	e , then it uses -1	; for all other r	ows, it uses the exist	ing value of score .
] nullif(s	core, -1)				
/ ifnull(s	core, -1) <i>Note:</i> For some engi	nes this is nvl(s e	core, -1)		
✓ c∘ Co	rrect rrect. If score is NULL , this re	places it with -1;	otherwise it w	ill use the existing va	lue of score .
✓ if(scor	e IS NULL, -1, score)				
✓ co	rrect				