SQL: Structured Query Language	RDBMS (Rel	ational DBMS) Terminology	COUNT	
SOL Terminology	O RDBMS is	_ 	O Count is a	·
D SQL helps efficiently	a set of	software tools that cannols the dat	e built-in	database function
1. query data	② Data in AD	BMS can be controlled by actions like _	© Count ret	nieves the number of
2. Update data 3. Manipulate Jata	1.00	cessiblity	· · · · · · · · · · · · · · · · · · ·	
		yanization	3 The synt table is	ax for querying the total rows of a given
2) Python Works With JRL to			•	ct COUNT (*) from tablename:
2. execute sol quenies	(3) Exampl	es of LDBMS		/
3 JQL 13		MySQL		ax for guenging the total rows of a
a language used for reintional d		Oracle Database · IBM Db2	select Co	UNT (column_name) from techchame
• • • • • • • •	• • •	SPI CAMMANDS CIPE		un (column_name) from triblename e Column_name = 'x';
6 sal is used for				
querying data	•	Cronte a table Incert	(5) The synt	ax for retrieving unique valuesina column
Outa Terminology		folect	select	DISTINCT column_name from tablename;
O data is		Update	@ The outpu	of this syntax:
		Delete		STINCT COUNTRY from MEDALS
a collection of facts (words, nu protures	inter) to contain	SELECT Statement		e MEDALTYPE : 'GOLD';
2) data is a contical astet for	• •	(1) A SELECT Statement is	· · · is	<u> </u>
business			a (i.	it of unique countries that recieved gold
3 data needs to be because it	f is important.	a Outa Munipulation Cangua		· · · · · · · · · · · · · · · · · · ·
1. secured 2. Stored		(2) A DML WILL	Limit	
3. access quickly	• • •	1. read data		it restricts the number of refrieved
	• •	2. Modify data	· · · · · · · · · · · ·	the databate
. Dubabase Terminology	• • •	(3) The syntax for SELECT is		Syntax:
(1) database is		Select * from table name;	_	elt x from tablename "LIMIT 10;
(-)		6) The diagram between tablename a properties of an item (column) is	nd WI	Il result
i. a repasitory of data		TSBN porrig		the first 10 rows in a table
2. A program that stores data		title Rook Edition	3	e Syntax:
() data base provides functionality for	da	ta. Year	· · · · · · · · · · · · · · · · · · ·	elect * from MEDALS
i adding	(3)	author price	• • • •	where YEAR = 2018 LIMIT 5;
2. modifying 3. quenying		The syntax for selecting specific properties from a table is	۷	III result in
		* select * column_d, column_b, *colu	unh_n ° ham ° tablename.	five rows or less of the year 2018
			, , , , , , , , , , , , , , , , , , ,	Insert Statement
duta stored in fabular form — Colum	mns and rows	"Mitch the order of your columns "Mitch the order in the SELECT.	Hatement.	(1) The INSERT statement is used to
4) columns contain	• •	Tme	• • • •	add to a table.
properties of an item.	• •	WHERE Clause	• • • •	new rows
(5) An example of a property of an i	item could be _	O The Listens of	Chart the	© T/F the INSERT Statement is DML statement.
1. last hame		(2) (b) The where clame can be		True
2. first name		D TIF The WHERE Claus	e always requires a fredio	otte. (3) The syntax of the INSERT Statement
b table 1's		True		is
a collection of related things	•	3 T/F The predicate al	•	* INSERT INTO * tablename *, Column_n)
TIF Relations between tables can e	exist.	. False, or Unknown. True	• • • •	VALUES (value_rii, value_riz, value_rin),
True	• •	(The (yntax for Usi)	y WHERE clause is	(value_rm, value_rn2, value_rnn);
8 DBMS (Database Management System)	is a		, column_b,, column	
software Used to manage databa	wes	where medic		- · · · · · · · · · · · · · · · · · · ·
9 Other words that can be wed interch	hangeably for dut	abase are (5) An	example of using the WHE	E clause is
1. database server	v − 0 •	(4)	t book id, title from Book	
2. database system	• •			eniter anny-in- art 1
3. data server		(b) The 6 compar 1. = 4. >	ison operators are =	· · · · · · · · · · · · · · · · · · ·
4. DBMS		, = -π. > • • • • • • • • • • • • • • • • • • •		
		3. < 6. <		
		1) The predical	e is also known as —	
	•	condition		

М) courte st	atem	ent .	•	•	•	•	•	•	•	•	•	
-	YF UPDA True	TE stat	ement is a	n DML	State	ement	•	٠	٠	٠	•	•	
2	uppATE sa	ettemen	t is ujed:	to	۰	•	•	•	•	۰	۰	•	
_ (alter or	modif	y the da	ta	٠	0		•	•	•	•	•	
3	The syntas								<u> </u>				
			ne SFT						b = ^l ne	w_6;	•	•	
	• • •	colu	MN = 0°= €	new_n	. Whe	re, pr	edica-	te jo ecifici:	e Hu	•	•	•	
•	The Jynta: Lakshmi			St. nau AUTHOR	ne. an	d.la			_	•	•	•	
	"UPDATE	A [°] UTH01	° set ° LA	KTN/AM	E≗ 'k	ATŤA',	. FIRS	TNÅME	s =°'LA	kshm1	. •	•	
	Where	AVTH	10 = 1A2'	i .		•	۰	۰	۰		•	•	
DE.	LETE SI	atemer	nt °	•	۰	•	۰	•	•	•	•	•	
~	T/F DEL		Cha la maga	''	N 44 I	ماخا		۰	۰	•	•	•	
_	Thie	.616	steerternern		ے. •	ال مرد	, MG17.			•	•	•	
②		ax L	- DELETE	Colon J	emen	4 6v	,						
9	a colui	WN - N	ame is	Side	ENIGN	v. 7	۰	۰	•	•	•	•	
	· DELETE	FROM	tablehame	۰		•	۰	۰	۰	•	•	•	
	Whe	re c	olumn_nam	e in (`pvope	ity_ a	i', 'pvo	perM_L	۰,۰				
	• •	•	•		Proper			U	•	•	•	•	
3	The resu	it of t	the code	۰	٠	•	۰	۰	۰	•	•	•	
	. De.LETI	5. FROM	y AUTHO	Ł ู M	nere	J UTH	HOL_ I	D in	('Az,	'A3');	•	•	
	ĬS												
	Delėfe	s°a n	w where	≯u.	TH'OR_	ال ال	s eithe	er 42	for >	13 .	•	•	
4) Tie	τ\$ Voi	(do not	Specia	÷64 4	ı. ° 12	heir	c(au.	re: a	11 the	2 •	•	
U U			deleted.		. 19	. ,			,		-		
	The			٠	٠	•	٠	٠	٠	•	•	٠	
6	T/F 401	(do no	± uce D€	LETE	to d	le lete	colu	ımns.	•	•	•	•	
	True	•		•	٠	•	٠	٠	٠	•	•	•	
6) The ger	eral s	untax fi	or de	letin	a C.O	lumn	2'ا کا					
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-		•	5 tablen	•	•	•	•	•	•	•	٠	•	
V	7/F Mys	OL, PO	istgreSQL	have	the .	iame	(ynt	nx for	arop	ping n	n 1917	e	
			but SQL	5-erve	- a	id Ura	acre o	иты ро	475° 6	acn n	ave	•	
	• •	il ooon	dyn t≈kes.	•	•	•	•	•	•	۰	•	•	
	True.	•		•		•	٠	•	•		•	•	
	• •	•	• •	•	٠	•	۰	٠	٠	•	•	•	
	• •			•	٠	•		•	•	٠	•	•	

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