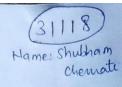


DBMS Lab Assignment as:



PICT, PUNE	
	Title: SOL Queries: All types of Join, Sub-Query, & View.
	Problem Statement
	write at least 10 sai queries for suitable database
	application wing SQL DML statements.
-	sa mula o selle la man amela rabbi dep
	Objectives
	is understand & implement various sqr DML commands.
	27 Understand
	ix-types of joins
	1) subquery & it's types
- + 114	11x lomplex views
	addates and thinks the same
	Outcomes:
	> Use mysol to perform various DML commands
	one of the sor language (eg. mysq.)
	one of me sol manage (5).
	Theory Related Compts
	THE
	SQL-Join: A join makes it possible to select data from
	more than one table by means of single statement.
	Types of Join:
	1) Inner 1014
	2) Outer joint (left, eight, fill)
	3) (208. Jein
	Inner join!
	is select records that have matching values in both

Consultation of the Consul	
PIST	The second secon
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And	tables.
	2> syntax:
	SELECT (dumn-name(s)
- aundation	From table_1
	INNER JOIN table_2
	on table 1. column name = table 2. column name.
	table 1 table 2
	(table 1 table 2)
	Outer Join:
	pleft outer: returns all records from left table &
	matching records from right table.
thou	Tobles tables
galled	town town
	27 Right auter: returns all records from right table of
	matching records from left table.
aren	table 1 table 2
Test sous last	apar se las las ana ana sua
	2) 5:11
	3) Full outer: geturns all gerords when there is a
	match in left Eigh table seconds
	tube 2
	and and
state at	sular parales may made their rate medical to



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	syntax:
	SELECT (olumn-name(s)
	FROM table-1
	[LEFT/RIGHT/ PUTIL] JOIN table-2
	on table.1. column-name = table 2 column-name.
	Goss Join: It returns cartesign product
	Syntax:
	SFLECT column_name(s)
	From table-1
	~ CROSS JOIN table 2;
	payor land the polyplat out polyplat
	Subquery: As name suggest this is a query within a
	query
	syntax:
	SELECT (6/umn(s)
	FROM table(s)
	WHERE column-name OPERATOR.
	(SELECT (olumn-name(s)
	FROM table name (s)
	WHERE condition);
- you have	me not a similar to my ment and the property
- Tolon	Views:
	1) A view is an squ statement stored in database with
	associated name.
	11) A view is a composition of a table in the form of
	predefined sal query.
- Chroi	my Creating view:
	CREATE VIEW VIEW name As
	SELECT (olumn_name(s)
	from table-name (1) WHERE condition;
	WILLIAM



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	1 v> Updating view,
	UPDATE View-name
	SET field-name = new-value.
	WHERE condition;
	*> deleting eocos in view
	DELETE FROM VIEW-NONE.
	WHERE condition;
	vix Deopping view,
	DROP VIEW- View-name;
	CARLA MODE
	Testcases:
	consider the following relational schema:
D make	Departments (dept-id, dept-name)
	Professors (prof-id, prof-fname, prof-) name, dept-id,
	designation, salgry, doj, email, phone, city)
	Works (profaid, duration)
	Shift (prof-id, shift, working-hours)
	HOMESTO WILDS AMERICAN STATEMENT OF THE
	I find prof details & department details wing
	NATURAL JOIN.
	2> find prof_id, prof_name & shift (INNER JOIN)
	3> List all the department details of the corresponding
	names of the professors in the same department.
Ally Fire	(LEFT OUTER JOIN)
	4) LIST all the professors & corresponding names of
4a must	the departments. (RIGHT OUTER JOIN)
	5) Pisplay professor name, department name, shift,
	salary where profid=101 (MULTETABLE JOEN)
	6) list the total number of professors in each
	department (count tany join + group by)



PICT, PUNE 7) List the prof-id associated department of department name having name = "(computer" (findquery) s) find the names of all departments where the professor joined in year 2015 (or doj in 1-1-2015). Outputs: Altathed separate file containing code of output screenshots aft all queries along with schema of data. Conclusion: Hence we studied different types of joins, subquery of views. Also written queries to manipulate database.	PICT	
2) List the prof-id associated department of department name having name = '(computer' (fubquery) 8) find the names of all departments where the professor joined in year 2015 (or doj is 1-1-2015). Outputs: Attached separate file containing code of output screenshots at all queries along with schema of data. Conclusion: Hence we studied different types of joins, subquery of views. Also written queries to	PICT, PUNE	
Strind the names of all departments where the professor joined in year 2015 (or doj is 1-1-2015). Outputs: Altakhed separate file containing code & output screenshots aft all queries along with schema & data. Conclusion: Hence we studied different types of joins, subquery & views. Also withen queries to	- TONE	
S) find the names of all departments where the professor joined in year 2015 (or doj is 1-1-2015). Outputs: Altarhed separate file containing code f output screenshots aff all queries along with schema & data. Conductor: Hence we studied different types of joins, subquery & views. Also written queries to		7) List the profid associated department & department
Disputs: Altarhed separate file containing code of output screenshots all queries along with schema of data. Conclusion: Hence we studied different types of joins, subguery of views. Also written queries to		nating name = (computer (subgreey)
Attached separate file containing code of output screenshots aft all queries along with schema of data. Conclusion: Hence we studied different types of joins, subquery of views. Also written queries to		sting the names of all departments where the
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Attached separate file containing code f output screenshots aft all queries along with schema & data. Conclusion: Hence we studied different types of joins, subquery & views. Also written queries to		Outputs:
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London: Hence he studied different types of joins, subquery & views. Also written queries to		out but screenshots all allegies along worth
Hence we studied different types of joins, subquery & views. Also written queries to		Scheng & data.
Hence we studied different types of joins, subquery & views. Also written queries to		
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subguery & views. Also weither queries to monipulate database.		Hence we studied different types of joins,
monipulate database.		sunguery & views. Also weither gueries to
		monipulate database.
	1	