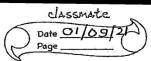
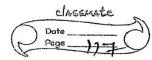
## VIEW



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<del>y</del>	What is view?	
	A View is a virtual table / imaginary table based	•
	on the result-set of an sql statement	7
-		- T
*	It is a database object.	
*	View act like a table but it is not a table.	_
*	View will provide the data to user but view	<u>(</u> .
	will not hold any data.	<u>.</u>
1,		أند
*	A view contains rows and columns just like a	7
	real table.	7'.
		-
	SYNTAX:	·
	CREATE VIEW (VIEW NAME) AS (SELECT STATEMENT);	د <del>ب</del>
	EX : CREATE VIEW EMP_V AS SELECT * FROM EMP;	<u>(                                     </u>
	Advantages of View	(
1>	By using views we can reduce the coding part	_
	in the part of the application development.	<u>(</u>
		Ļ
2>	By using views it's easy to maintain and !	Κ.
	manage the code in part of application	Ţ
	development.	₹ -
3>	By using views we can provide more security	<u> </u>
	on tables and data.	<del></del> ,
	on tubies and data.	
		_
		-
		٠.



					Date _ Page _	senate 1770
->	Sometimes our requirement changes then again					
	we ho	ive to co	reate table.	accordi	ng to	require.
	- ment	which t	akes time	so inst	ead of	recreat
	table we use 'view', then we can add new					
-	requirements by replacing old query with new					
-	query.					
Ex:	CREATE VIEW PLACEMENTS_V AS SELECT SNAME,					
)	COMPANY FROM PLACEMENTS;					
* *	To replace or add column:					
,) <b>-</b>	CREATE OR REPLACE VIEW PLACEMENTS-V AS					
1, 0	SELECT SNAME, COMP, SKILL FROM PLACEMENTS					
. 3.						
	PLACE	MENTS		e annionalism in a set a	1	
)	SID	SNAME	COMPANY	SKILL		
<u>; •                                     </u>	1	RAM	WIPRO	ETL		*.
· · · · ·	2	REKHA	infosys	ETL		
	3	NEHA	COGNIZANT	ETL		and the second s
	4	SNEHA	LNT	ETL		
	5	RANÎ	· TCS	ETL		•
	, .	,		•		×
	DROPPING VIEW					
1 ž	SYNTA	X : DROP	view Zviea	NAME>	;	
	Ex:	DROP VIEW	PLACEMENT	s;		
×	NOTE: When we DROP view, & view will be there					
	ibut a	lata has	deleted and	table *	emains	same
	INSERTING data in table through VIEW					
	SQL > INSERT INTO (VIEW NAME > VALUES ('V,', 'V2', 'V3', 'V3')					
\( \frac{1}{2} \)						
<b>→</b>	uppate data in table through view .					
* -	SQL > UPDATE < VIEW NAME > SET < COL NAME > =					
<b>C</b> ,	"NEW DATA " WHERE COL NAME >= "DATA";					
(		*********	d Salada againment ann	pater decing party		

· ,:::	Date
	NOTE:
77.	To create view one Base table is required.
4.	
2>	In View the query will execute from main
<del>C </del>	table.
<u>\$</u> }	Chatever changes we do on view it affects
	on Main table or changes the data from
	Base table.
-	
4>	Through view we can INSERT, DELETE, UPDATE
* * * * * * * * * * * * * * * * * * * *	the data by including mandatory columns
<u> </u>	(NOT NULL, PK
-5⟩	A view in ordale is nothing but a stored
	sql & scripts.
	sqt. 4x scotpro.
6>	Views itself contain no data.
3 (T g · )	
7)	View is good way to present data from one
· · · · ·	user to another user instead of accessing
	the table directly.
8)	An output of query can be stored as view.
· -	
	TYPES OF VIEW
1)	Simple View : Simple view is created from
	one table.
2>	Complex View : Complex view is created from
	more than one table.
·	

	classmate
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•		A Property of the second				
<u></u>		Date Page 119				
-	Creating view on multiple tables.					
	CREATE VIEW LVIEW NAME AS (SELECT * FROM					
	STABLE NAMED UNION SEL	ECT * FROM LTABLE NAME				
		,				
	Differences between					
( ;	SIMPLE VIEW	COMPLEX VIEW				
· >	simple view is created	i) complex view is creat				
	from only one table.	from more than one				
		table.				
2>	We can not use group	2> We can use Group				
	functions.	function.				
* A - 1						
3>	Can perform DML opera-	3> Does not always allo				
	- tions through the	DML operations through				
	views.	the view.				
	ViEW	MATERIALIZED VIEW (M				
·	A view has a logical	A MV has physical				
( )	existence it does not	existence,				
1	contain data.					
<u> </u>	When we do "select *	when we do "select *				
	from view" it will	from M view" it will				
	fetch data from base	fetch data from MV.				
	table,					
: <del></del>						
45	When there is change in	when there is change				
	base table that will be	in base table that doesn				
1.	displayed in view also.	affect the MV it will				
		not be displayed in MV.				
,						