	Assignent No. 02
	Title: Implementation of views, sequence, synonym using JDB (
	Problem Statement: Design and develop SQL DDL statement which demonstrate use of SQL such as execution of table, view, square, synonym.
•	Objectives: 1) To learn and implement views, index, sequence synonym using JOBC. 2) To learn about database connectivity in JOBC. 3) To create and implement simple and complex view.
•	Outcomes: After implementing the assignment we are able to 1) Execute and implement simple and complex view. 2) Also able to implement index, sequence.
	Theory: View - It is a visual table a) Simple View - For single table Syntax - (reate view view name as select colicals from tables where condition.

	b) Complex view - for one on more tables
1	Syntax: he who signed a store of
	Greate view view-name as select coll, rol2,
	table inner join tables on condition;
	shot a state water of
	Synonyms all a state of the sta
H	1) They are not available in Mysal
	2) Synonyms are very powerful feature of oralle
1	They are auxiliary names that relate to other
	database objects - tables, procedures, views.
9	3) They can be created as PRIVATE or PUBLIC.
	The state of the s
	Syntax:
(
19	(reate (Public) Synonyms synonym name for
CA	object_name;
	(Au, II)
	INDEX
	A database index is a data structure that improves
	speed of operations in a table. While oceating index,
31	it should be taken into consideration which are columns
S. C.	will be used to make sal quoies and crante one
	or more indexes on those columns.
	or more makes on more
N.	Types of Index sould be to the
	a) Unique index: means two rows rannot have some
	in Nex Value.
M	Syntar: create unique index, index-name on
	table-name (cold, w/2,)

	b) Simple Index
	- to execute a simple index, we need to amit unique
121	keyword it allows deplicate views
	trans tople made join takes an andition
	To view indexes on table
	show in tex from index table; implicate
	they are and another in mysel
Series .	Sequence: 10 1000 per property (5
shi o	- A sequence is a set of integers 1, 2,3, than that
	are generated in order on a specificalmand.
1819	- simple thing in mysque to use sequences is to define
	column as auto increment.
	To see a series of the series
	Creation create table insert (is intuning and not null
	auto increment, primary bey (id), home vonches (20)
	Actor material nut will);
	The tree to make a plant of the state of the
	inserting value and a salar stadelist A
	-insert into insert values (NVII, house Ply);
40	- to obtain last recont id, we can use LAST- INSTAT
De la	This warrang 1 102 stom of April and This
	TORC - second of south the grant me Trem To
	TOBC dende for Java Database connectivity which
1	is standard API fox database independent connectivity
	between Java programs language and wide range of
A THE	database.
	gara eque.

2	A. No.
	C(2)
	Steps include:
1	· make connection to database
	- Creating SQL statements
	· Executing SQL queries
	· Vesifying and modifying resulting records.
	Sal Constraints:
	ON DELETE CASCADE
	These constraint means that if parent record is deleted, chill
	records are also deleted. It must be present while recting the to
	eg: Greate table child (id int, parent id int, foreign-key (parent)
	reference parent (id) ON DELETE CASCADE);
	The state of the s
	PRIMARY KEY:
	This constraint uniquely identifies a sow in the table.
	Syntax:
	Create table order Corder no int, primary key, int breign
	key (sid) references customer)
	(rate table customer (sid int not nell primary key,);
	FOREIGN KEY:
	It is not a key attribute that translates its values from
	table's primary key
	Syntax:
	Create table order corder no lot primary sex, int foreign
	key (sid) references on tomes)

京	
) No.	The Management No. 15
	est cases:
Mush	Steeling and survey 187 of the to be placed of 511.7
	Input Expected of Actual of Result
Marin)	Corate view VI as boilt agreed I tomorphy conded.
Maine	select l-no, c-fnome, view is view is success
4.97	city from customer competed (consted
2)	Ann in All Mark Market Control of the Control of th
la den in	drop view VI view is view is success
	1 Grota Va.
3)	drop view V21 view does view does sucress
so day or	not and the second and the motivant
	(reason sense realism on motion) realism (
5)	Create inch il inch is index is success
	on customer (c-no) (seated record
5)	Vsing autoring rement sequence sequence sequence
had been	for sequence in created created
	(-DO
	at also ad Him to all company to
	Conclusion: 1 homes 1000 proups through all
15	we agree fully implemented SOL grovies through JAVA
	program using TDBC. We also created views, indexes and
	Code COCK
	ransians win 3 cm.
and the state of	and the second policy of the s