Noomalization	C 11
	e II
A STATE OF THE STA	
Mormalization is the process of organizing the State in the database.	6
the State in the database.	2
The state of the s	6
the Station is used to minimize	6 1
the redundancy from a helation or set of relations 9+ 18	6 7
also used to eliminate the	6
underrable characteristics line	
Insertion, Update and Deletion Anomalies	
Normalization dévides the larger techse into the smaller table and linus them using relationship.	45
techle into the smaller table	
and linus them using relationship.	CH
	6
The pormal form is used to	
· edace ledundancy from the	e =
Cladabase table.	
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V		1 200-12-12-0
V N	barral	Description
	Form	
		A relation in 1 NF it it contains
1	NE	A relation in 1
0		an atomic value
7		A relation will be in 2NF if
2	NE	A selation with and all non-very
		it is in I for and I would be
		attributes are fully functional of depoenedent on the frimary
2	3886	depoenedent or the pringing
		ney.
)		A Relation will be in 3 NF
3	N.F	H MINTON STORE and
3		if 9+ is in COR2NF and no transition debendency
		exists.
4	NF	A relation will be in 4NF if
(100 mm)		it is in Bouce Codd Noonal
		form and has no multi-valued
)		debendencq.
)		J. Perice III
51	4 7	+ relation is in 5 NF
		il it is in 4 NF and retrain
	il all to	ong join debendency and
		diving 8 hours be Bourses
a continue in	41.7	louseleis.
E WAR		Maria Milar Contract

The state of the		
	Keys:	
4.	Sapor neg.	
	Set of A++ sibutes that can identify	
100	Set of A++ sibates that can identify each tubble uniquely in the given relation.	7
1, 104-11		
-	A super veg is not restricted to home any aposific number of of officials.	
5	Thus, a duhor you to be also	
	Thus, a dupor near this of attributes.	
2.	Candidate Key:	
	A set of minimal attribute (B) than can identify each temple uniquely in the given helation is called as a conditate very.	
	given helation is called as a	
	Condition May,	
3-,	Primary Neey 1012 101	
A RESTRICT	BALL THE WAS ASSETTED TO BE A STATE OF THE S	
	A primary Mey is a condidate ney	
	collects 11/10/10 designes designes	
3	Olate deliale (1)	
	The value of Primary Mey Ocan never be NULL.	
		100

	The same of the same
0	the value of primary key can hove to be unchanged i.e. no application is possible.
3/3	be unchanged the no appointing
56	Doniples
5	The value of bringer new must
A Para Council	the value of primary very must be assigned when inserting a record.
7	A relation in allowed to have only one Primary vey.
30	one Primary vey
4.	Alternate Megs:
VIV.	of thousand of the formation
J 0	candidate news that one left unimplemented of on unused after implementing the brimary ney are called and alternate news.
4.2	Alton A to Meye
1	Control of the second of the s
J. S.	toneign Mey:
	A TOP OF THE STATE
	Foreign very are the column of the
	table used to boind to the
O STATE OF	primary neg of another table.
	C-mbaile Man.
-26.	composite Neg:
	where the contract of the
C J	0 11 110
73	This very is also unown as Concatenated
j	Meys.

	order of execution
3.	From and Joins.
2.	cohese
- 3.	Chroup By
4-	Having 0
<u> </u>	Select U
6-	Distinct
9-	Limit Offset
8.	LIMITED OF THE
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	SOL Subgressies on nexted que vies e
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	after wing multiple filters.
9,41	The Contract of the Contract o
	and the same and the same of the same
う	the Dubquery is but to seiflet
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	moun query, i.e. the imner query
	is the bool or the main green
212 /	
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3	
3.	Type of Sal Subquery: Single Row Subquery: Recarn Zero Or one row in results. Multible Row of the results.
2	Multiple Row Subquery. Returns one or more rows in heruts.
3.	Mutiple Column Subqueuer Returns one or Column Columns
4.	Correlated Subquery Returns One or more columns according to the main or outer query. Two. Thus tallead called a correlates Sub query.
5.	Nosted Subquery: Subquery: Subquery: Outer guery).