

CSZID END SEM EXAMINATION

Namer Flohisek Rana Reg Nor 19BCS003

Using emprame as a dustured index is possible only when every employe will have a curique name. It it is ensured the typley will be organized autorant to emprane alphabitically.

1 Fry V

Scanned with CamScanner

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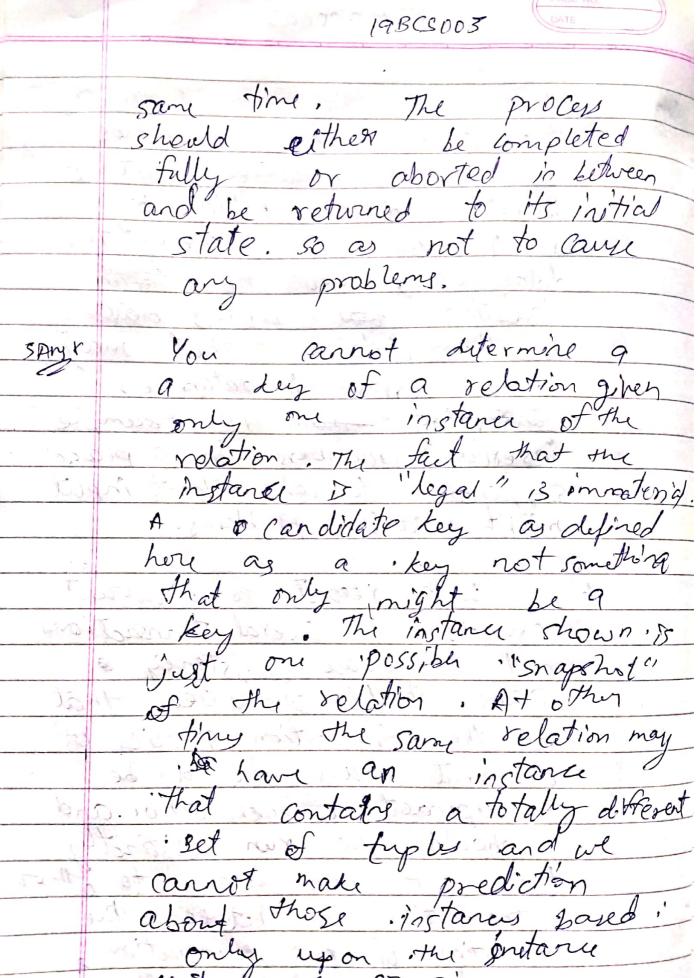
	desired to the second of the s
2 Aryr	(1) representing information
	(ii) external
12	(ii) internal schemas.
	(iv) access
	(V) update
Home	(vi) representing data
Lut-w	
جا	a Chade
3Hryr	It is true as a single
	DBMS is shared with many
	you I so as to improve
	the execution time for all
*	the your transaction from
	The your can be interleaved
	so as to not wait in
	queue for other transactions
	to complete fully before their own transaction begins. Or
	own transaction begins. Or
	for example if there are
	5 billing machines in a Super
	market and the transaction is
	done one after another then
	the an of 5 billing markers is a b waste arruning they are all connected to one database.
	is a b wall allung
	are all conneiled to one dancell,
	So interleaved transactions is
	yed in DBMs.

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transaction and database consistency
has to guarantee not to
insert data which is Corrupt or can corrupt the database also not imperit inserting that welless dated in the database that may cause error in databage. inserting numbers in a place supposed to take text input might caule problems. With respect to concurrent execution of several transactions DBms should guarantee that all the transaction quories of different users should be independent of each other and should be run distinctly too with no access to other transaction in between the execution of one transaction through different transactions Should be surring at the

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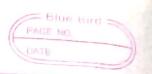
we or given

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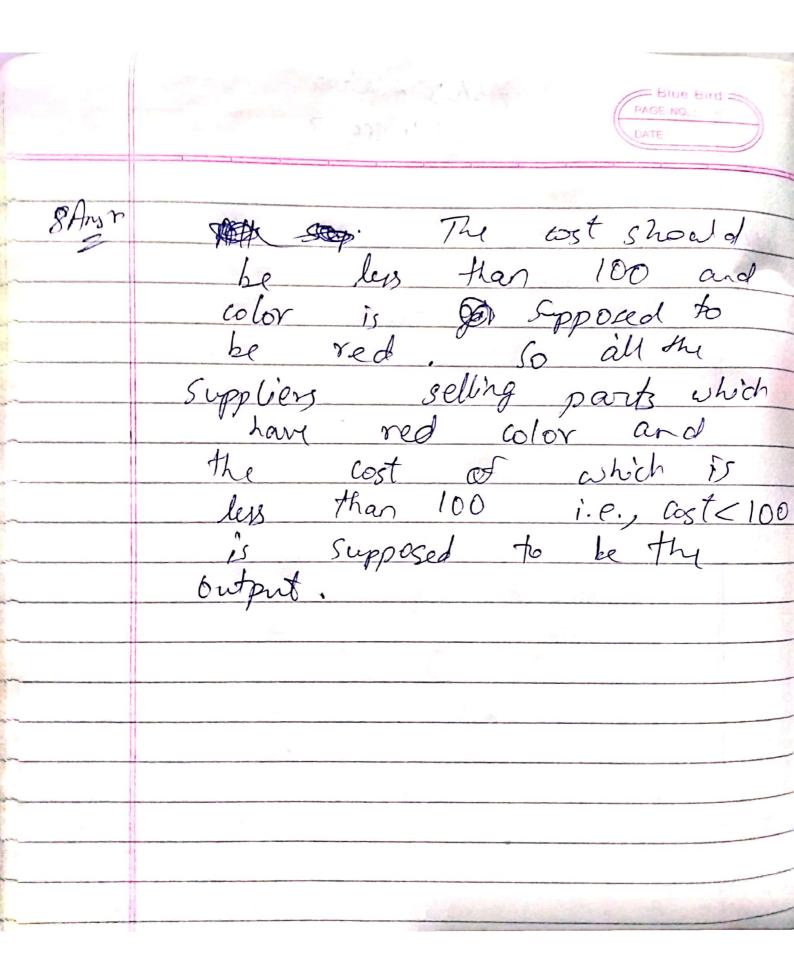
CREATE CLUSTERED INDEX

IX — Person Last Name
ON Person Person (Last Name
ASC, First Name
ASC);

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FArsr	Pids of parts supplied by atleast two different suppliers the query in relational algebra will be as follows
	two different suppliers
	the over in relational
	algebra will be as
-	follows
	S(R1, Catalog)
	S(R1, Catalog) S(R2, Catalog)
	and the state of t
	FRI TT RI. pid FI. pid
	= R2. pid 1 P1. sid 1=
	R2, sid (RIXR2)
	First doing RIXR2 to make it atleast two suppliers.
	a it well two supples.
	Then making the time !!
	Then making the two suppliers have same part we are
	in the one
	TRI. pid = R2. pid
	The state of the s
	Now to check whether the
	Suppliers are different !
-1	The No P D
	we use
	$R_{1}, pid = R_{2}, pid \land R_{1}, sid$ $1 = R_{2}, sid.$
	1= R2.sid.
(1)	



	Ayrisek Rand Blue Bird
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97251	to update the Emp
	schena automatically by
	schena automatically. by updating Emp the following query will be used.
	CREATE VIEW AutoEmp (eid, name, age, salary)
	As spliet E. Rid, E. ename.
	E. age, E-salary
	Rom Emp E whore E.age > 50,
	where Erage >30,