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DentaCarts .com

3 - ia Mapeach class or Jub class to relation;
This strat egg isto take Primary key from
the Parent class and Put it in all Subclasses-
,
b) Mapeadi Subclass to avelation:
trick all attributes From the Peratclass then
Put them in all inherited subclasses.
(a) Map the bieraechylo asmyle relationi-
take all attributes from child classes the Put
them in the Patent class and Put then type for
4_ Typed tables are tables are defined with asser
depined structure type with typed tables, you
Can establish a hiorarchical structure with a defined
relationship between those tubles Called atalole.
abjerarchy the table heirarchy is made up
of a single root table, Superatuls and subtables.

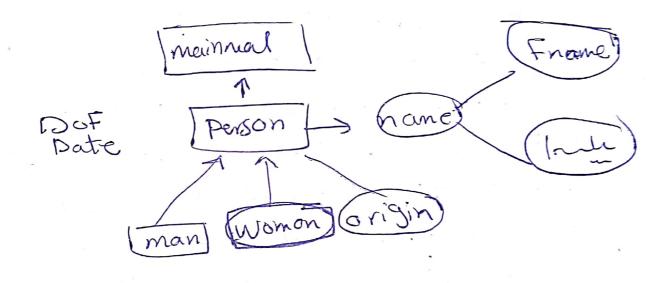
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Creature max Brid woman man

insert into Person (Name, Pote of Burth, Coenfer)
Vorture (Amany 0.5.2002, Muomenn)
insert into man (name, Age, Wife pame)
Values (Ahmed, (omshor)

Women
husband
man



6- (a) Data Fusion

multist [114-may-13", "14-na) 18";

(14-may-141, 4 24-ma) 13", 1126

may > (28-Apr 12]

Data insersection MultisEt ["4-not 1911]





(b) Data card	
2	Exception
3	
Z	exception
7- Atamicity seither	er all offeration of the
Autubase of m	Property reflected in the
15 Salation	Exection of the trasection Person the consistency of
Isolastist > ir must be nitale	termediate transection result frD cother concurrently
	er transection complate succession are system fulliphe.

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Scanned with CamScanner

- 8- Active & the Mitral start, the transection stay in the state while it exactly.
 - Pertray Committed = after the final statement has been exactes.
 - Failed > after the discovery that normal extron can no longer proceed.

 Committed > after successful Completion.
- g serial schedule execution and operation of one then Commit move to the another instruction.
- Serilia Ziable Schedule > Schedule is Serializable Fit is equilient to Serial Schedule







古	t2	<u>t</u> 1	Tz.
Read (A)		 Read C.A.	
A = A -50		 A=A-6)	
ushtela)		 wrte(A)	
x-1	rcad(A)	 read (B)	
,	temp=A*il		Read UA)
	A=A-temp.	 	tenp=A4
	write (4)	 	A=A-temp
		 	write (A)
read(B)		 B=B ±50	
B=5+50		 write (B)	
write (B)		 Comilit	
Commit		 	Rend (B)
	read (B)	 	B= B - ten
	B&B-temp	 	write (B)
	write(B)		Commit
V	Commit		

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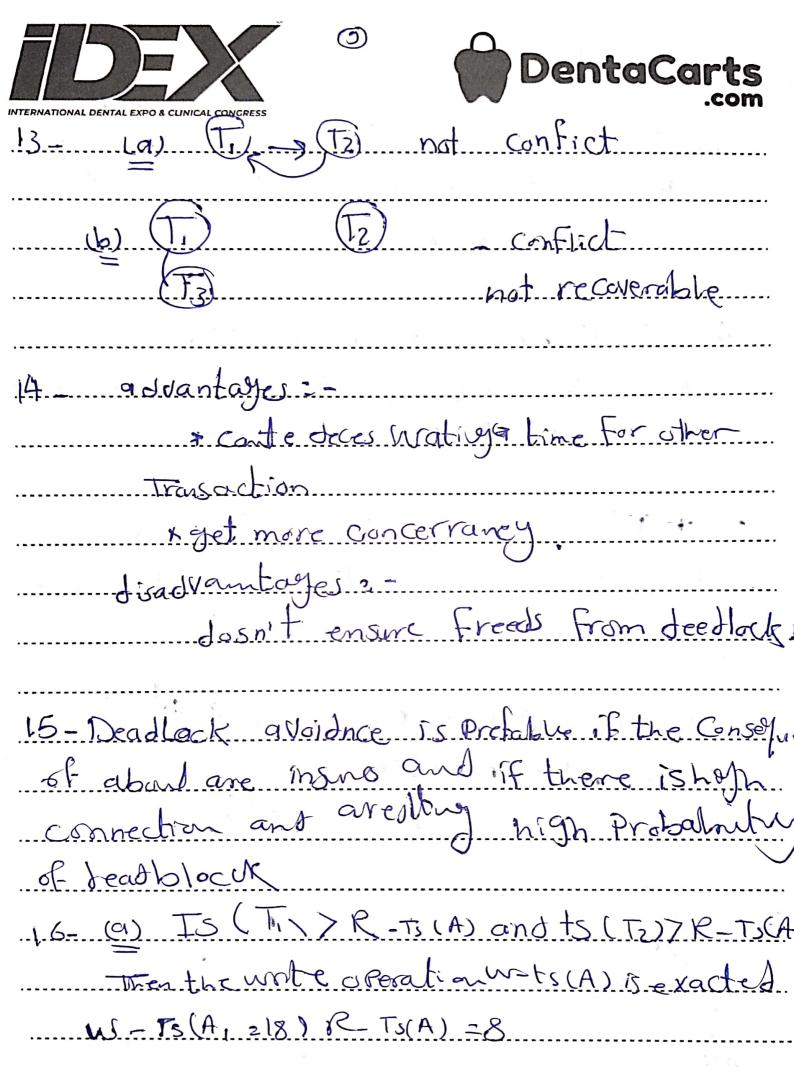
the state of the s

lo-Recoverable Schedule > if transaction to reds
itensfreviosy written by than Saction
it, then the Commit operation of the
musturpear before the Commit operation offur
-diserable because recoverable schedule help
in Solve if to Failure & have instruction for
Change n & tz also the Commit of tz
after tz Finish.

-No, Because database must onsure that schedules are recoverable.

11- Because Concurrent Execution Provide improved throughout and resource utilization and redte overage responce time for transaction Concurrence control schemes machines to achier isolation.

12- Yes, when Set of transaction is such that each transaction is waitry for another transsetuin Gyclz manner then in System is Sold to be back state stoldian a could when transcession keep waitry



- (b) Ts (tz) < R-ts (R) (Ts (Tz) (W-Ts (B))

 then write operation W. ts (B) is exected

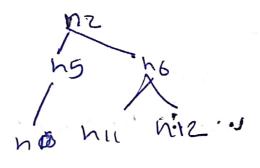
 W. ts (B) = 19, R. ts (B) = 22.
- then the write is rejected an inhermed back

 R-TS (AF) 2 ~ W. 15 (D) = 29.
- (c) Ts (ts) < R. ts (c) = Ts (ts) > W. ts (c)

 then the read operation (s executed and

 R-ts (c) = 17 w. ts (c) = 13
- (e) Ts (Tb) TR-to(e) Tts (Tb) 7 wits(e) the write rejected R. ts (e) 212, w-ts(e) 216

17 - ni nz n4 nz n8 ng



The state of the s

INTERNATIONAL DENTAL EXPO & CLINICAL CONGRESS	+ ,				
MR Should have tran Saltion to coulty sources					
The following books	schedler				
10ckh)					
1.6 ch (12)					
W-x-76 (n3)					
whok (n3)					
	tock (n2)				
	100 (nb)				
	write (Mb)				
	mulock (n5)				
	+2				
lock (no)					
Veal (n6)					
unlockling	5)				
an lock Cn	35				
	Read(nZ)				
	unloakin3)				
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