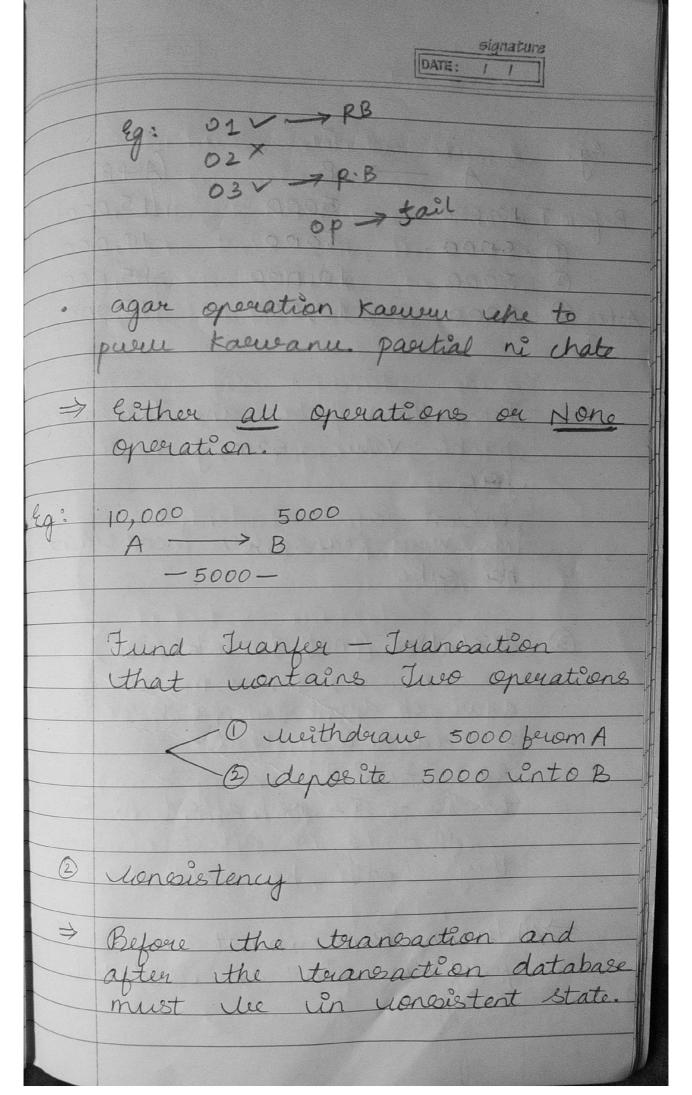
	anything done in database is
	Transaction.
	Unit: 5 Juans action Processing
	set of operation
*	Iransaction Management:
	IMP A MOUNT PROPERTY
W •	IMP Sequence and ironpulsion
	MATTHER CANADA
$] \longrightarrow$	It is a tak that untains
<u> </u>	logically related operations
4	un a sequence.
4	0 10-0
	sup A-S -> Student DIA
	(D(A-5) (A)
10	Studens
	student reliection o
	0
	Peroperties of transaction:
	A -> etcomicity
	C → Jonoistency I → Jolation
	D -> Durability
	- Courty
	Atomicity:
	agan alag operation hoi to badha compulsory than joie.
	Joie.
	Soonnad by ComSoonn



		signature : 1
	1 1 13701	
lg:	$A \longrightarrow B$	$ \begin{array}{c} (A+B) \\ \hline 15,000 \end{array} $
Before I	10,000 5000 5000 5000	10,000
Aster 3	5000 10,000 5000 10,000	15,000
	Transaction pela a	ne Transaction
\\ \frac{1}{2} \\ \fr	paché value same	j hour
	indetween transaction	n incomsistent
(3)		ntantan)
	LIA SUBSECTION OF THE PROPERTY	
A mar	agar et database n 1 transaction that eg: T1, T2, T3	
	to T1 - T2 me ay T2 - T3 ne aff they should be is	ect ni kare
⇒Al	I Jerangartons	solated
Landada L	Jeransactions must perform in an	is Olated
		177 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

manner, that means in the of one touansaction does not affect any other tuansaction. 1 Duraleility (long lasting) agar 2000 Rs hoù to eni value 2-3 years pachi pr 2000 Rs j execute the policy of the => The compact of transaction Should be long lasting that means the Walance of account B remains 10,000 until and unless Sum Other itsansaction whanges Uton to more to be all (none. "Court and Ella - stones or more to act

signature DATE: · Single reser system: one eg: ATM System. mostly used van use the system eg: avline reservation system, system in wank two sequences 1 Sequential Moncurrent (more than two transaction are done simultance Moncurency D Multiperogramming: Allows the nomputer to execute multiple perograms at the same Dereces the C.P.V

operation, the CPU sweetched ito iescecuted another perocess reather than iremaining idle during 1/0 time. · Most of the theory nonterel in databases is developed in sterms of Interleaved uoncurrency. * Basic Operation 4 database is a vollection Of named data citems · Basic operations are read and wellte => veead_ item(x): Reades a database litem named x Into a yeagean variable. To wimplify notation, we assume that the yeagean

