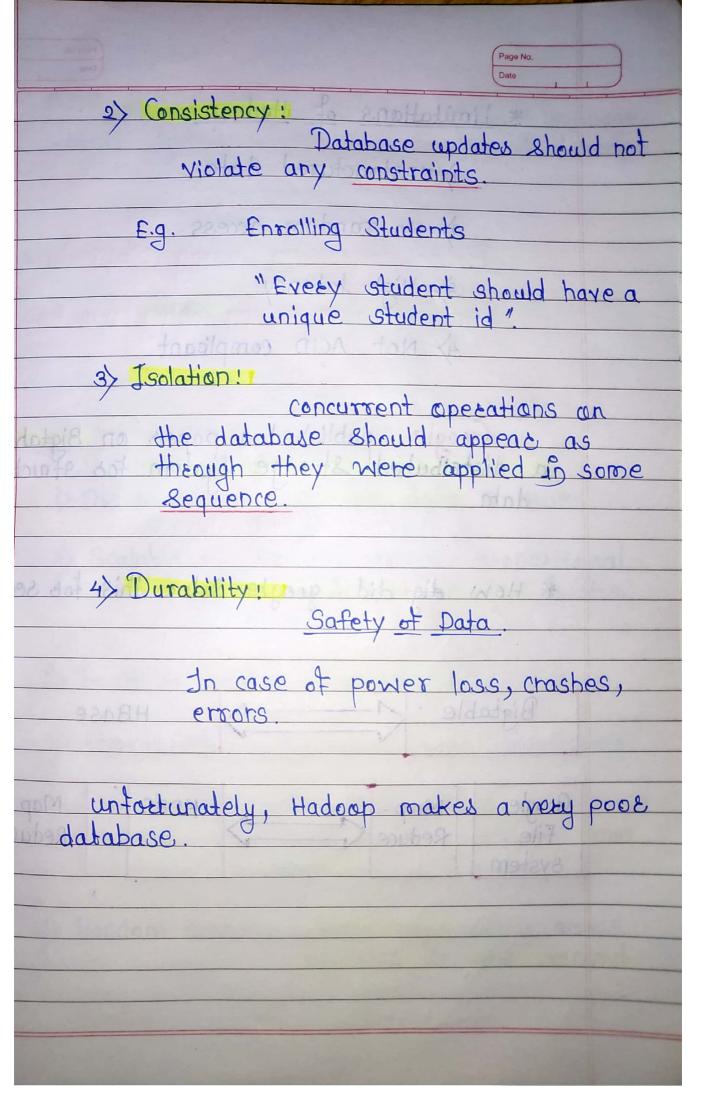
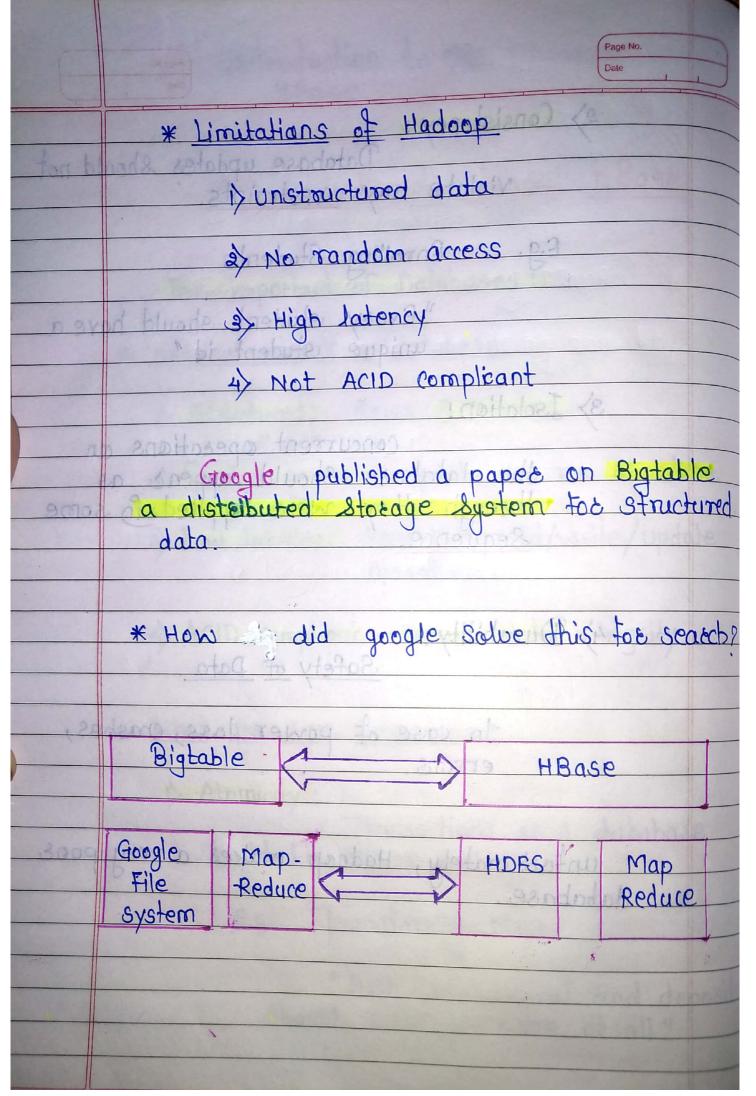
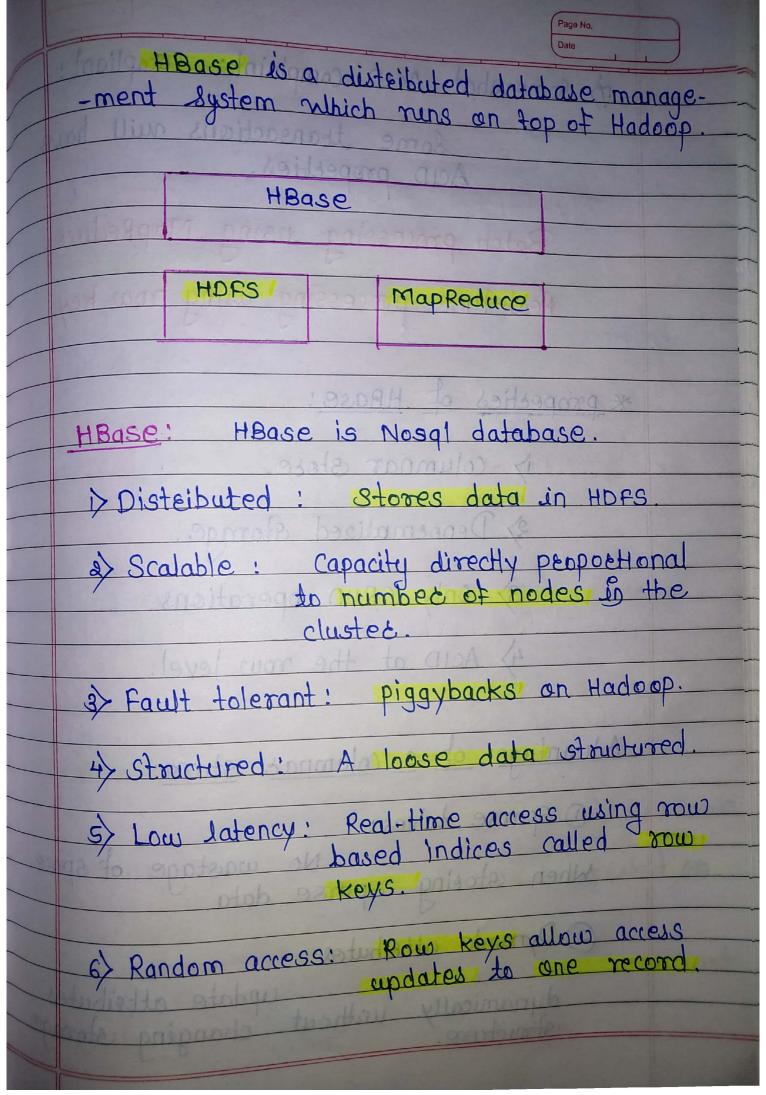
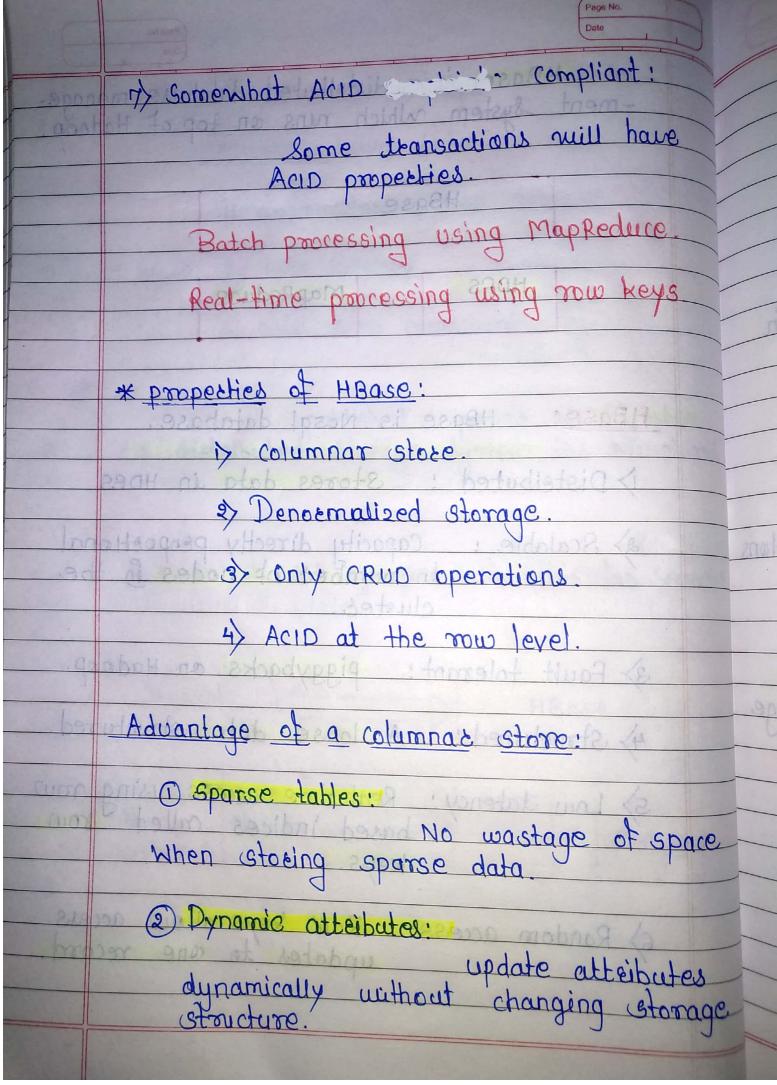
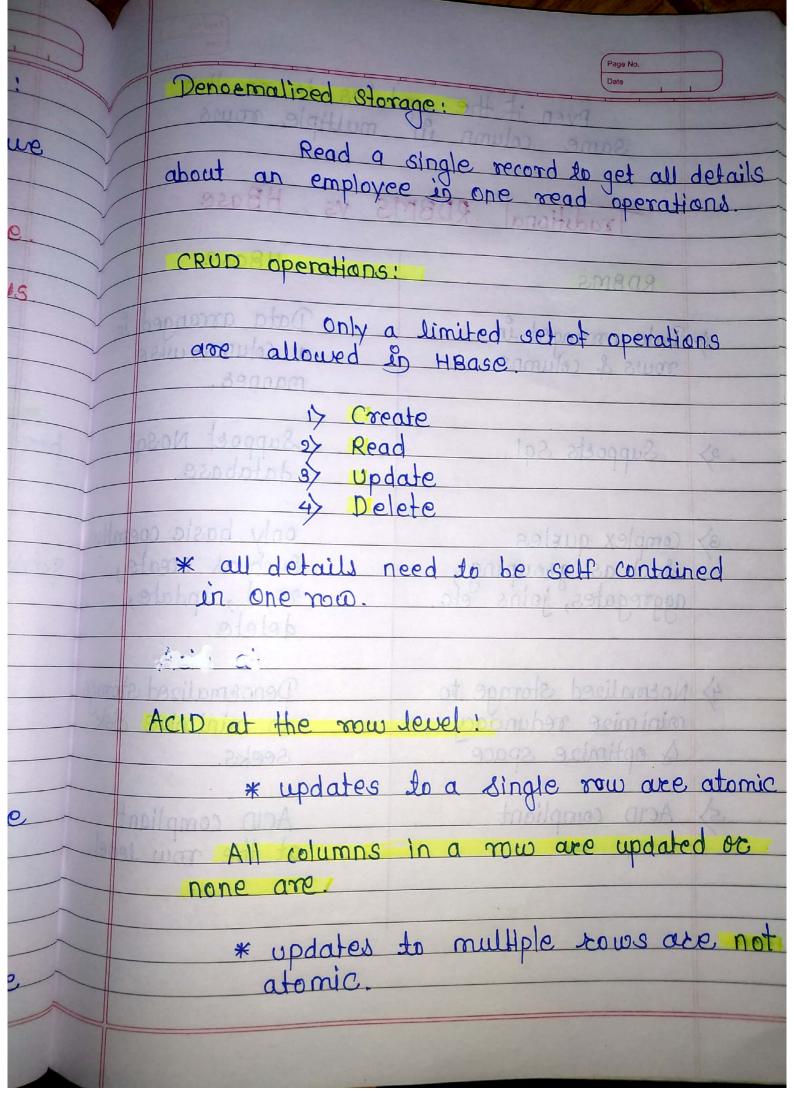
## Partitions as hive does not The important of Databases: \* Requirements of a Database 1) Structured! Rows & columns. 2) Random access: Update one now at a time. 3) Low latency: Very fast read/weite/update operations. 4) ACID compliant: Ensure data integrity. \* What are ACID properties? 1> Atomicity: Should be all-or-nothing. E.g. Transferring Money "Both Withdrawal and deposit Should occur or none at all"











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	Even it the updates is on the same column in multiple nows.		
Joh	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
603	Traditional RDBMS vs. HBase		
	RDBMS	Lengtone HBase?	
<i>P Y</i>	Data arranged in rows & columns	Data arranged in a Column-wise manner.	
2>	Supposts Sql.	Suppost Nosql database.	
3>	Complex queies such as grouping, aggregates, joins etc.	only basic operation such as create, read, update, delete.	
4>	Noemalized storage to minimize redundacy & optimize space	Denoemalized storage to minimize disk seeks.	
5)	ACID compliant	ACID compliant at the row level.	
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