TORMATION

एक वह

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	f-40	
	Assignment - 4	
0.1	white a short note on	
Ø	INF	
	A relation is in INF if	
	· All attributed have atomie (mdivisible)	
	Au al	
	e These are no repeating groups or corrage	
	Bri- (NOT IN INF)	
	stodent courses	
	John math, physiy	
	m INF	
	shdint course	
	Dhn Math	_
	John physics	_
	1 6 1	
	• 2NF ( second Normal form)	_
	A relation is in enfit	
	oft is already in INT.	
	· No partial dependancy emists - " c. non-key	
	attributes depend on the whole primary key	_
	Chelevant for composite keys)	_
	fix- move the partially dependent attributed to a	
	sepprate table.	_
	* SNF (Third normal form)	
	· A relation is in 3NFIF	_
	- IT is already in 2NF	
		_

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	There is no transitive dependancy
	Remove such dependancy by meating now tobles
	O. Explain in brief
	unf:-
	- Ardation is in Unfif
	· st is in BCNF and
	et that no multivalued dependenced
	multivalued depend: - when one attribute in a table
	independity determine multiple value of another
	athibute.
	Ex: - A person can have multiple phone no. and multiple
	emailaddress independity.
	person phone Email
	Jayosh 1234567890 grayesh & gmail com
	Jayah 213567891 Jay@gmail.com-
	This lead the unnessary dada doptication.
	B(Nf C Boy(e- Normal form)
	· A relation is in BCNF if
	- It is in 3Nf, and
	- for wary Anctional dependancy (x-14) x 13 a
	Super key
	main focus: Eliminate ona mollis caused by functional
	dependencial where the determinant is not a super kry.
	Thier is functional dependency issued that Benfraolue
	by decomposition.
and the	
yeshes	