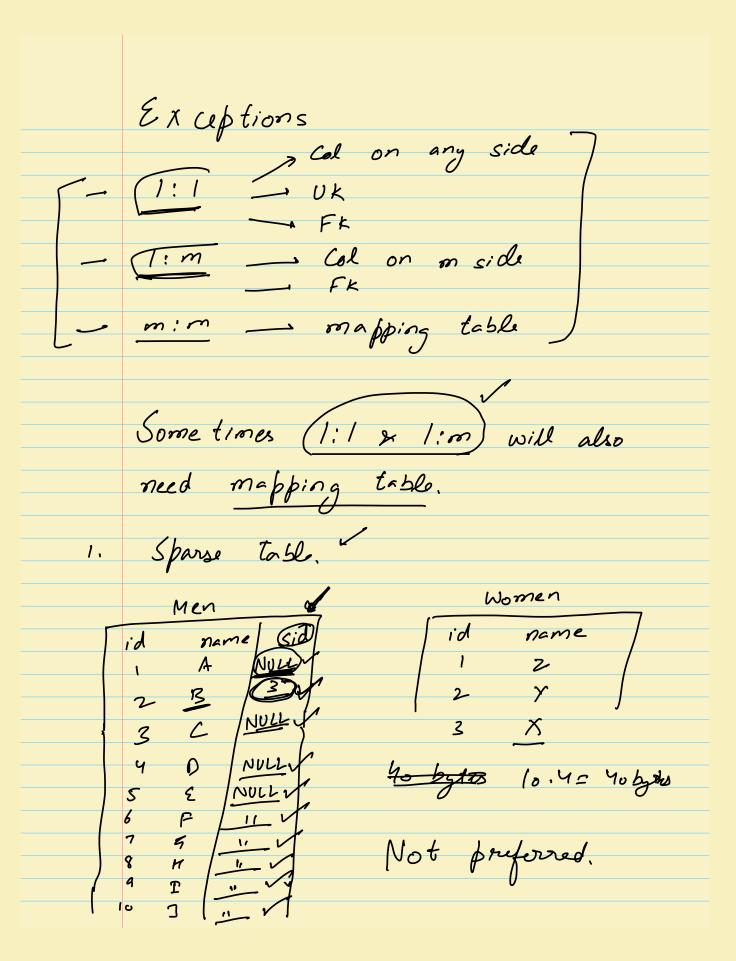
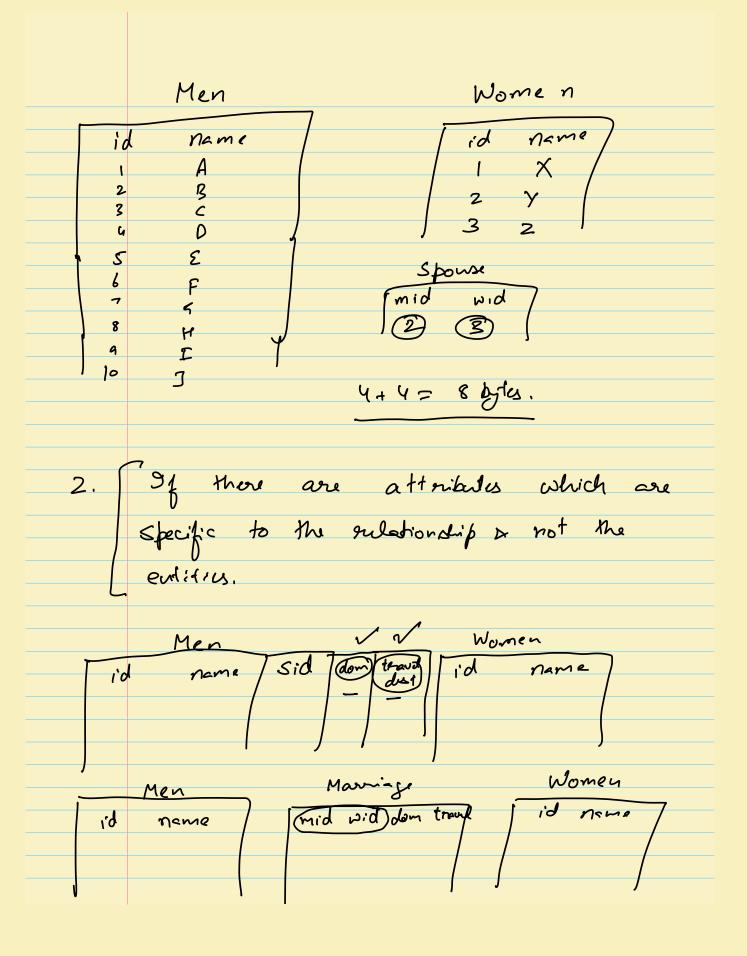
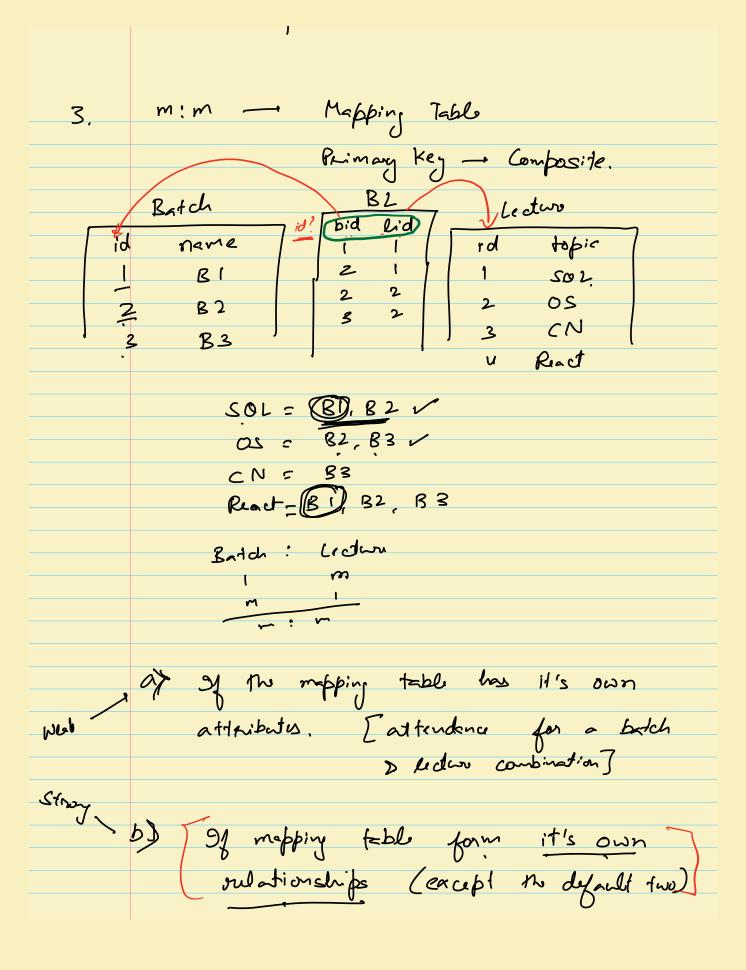
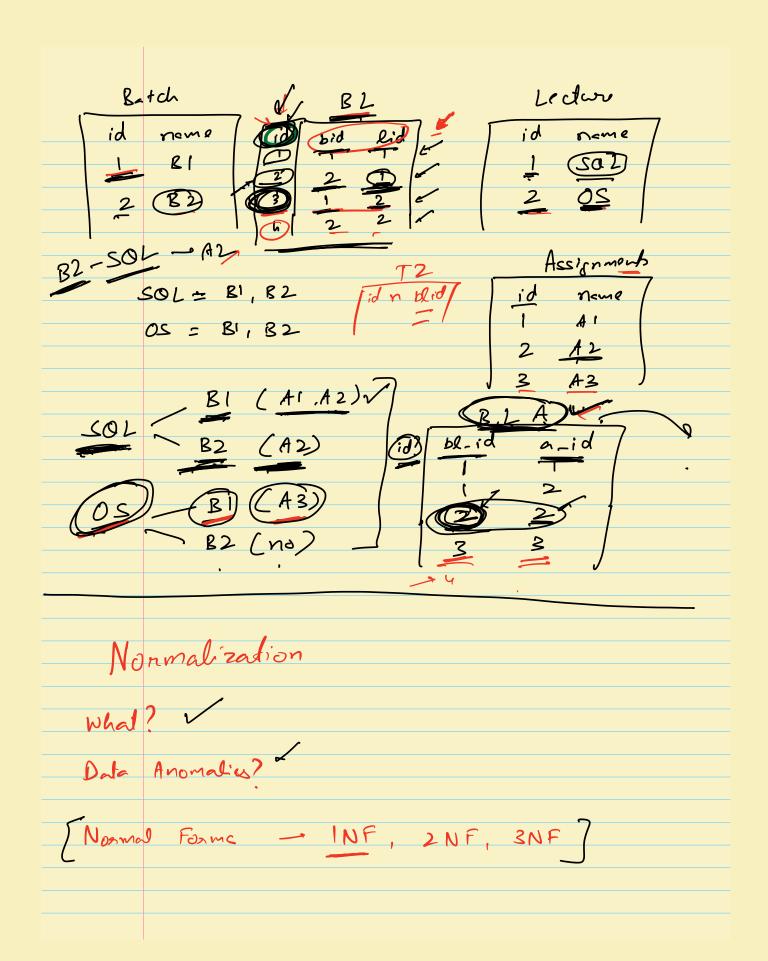
1. Good Evening 2. Lecture begins at 9:05 pm 3. Topic - Normalization Agenda Exaptions for relationship credion. Normalization - What?, Anomalius, INF, ZNF, 3NF → Create 7 Update Jonarius. Delete CRUD Data Types.







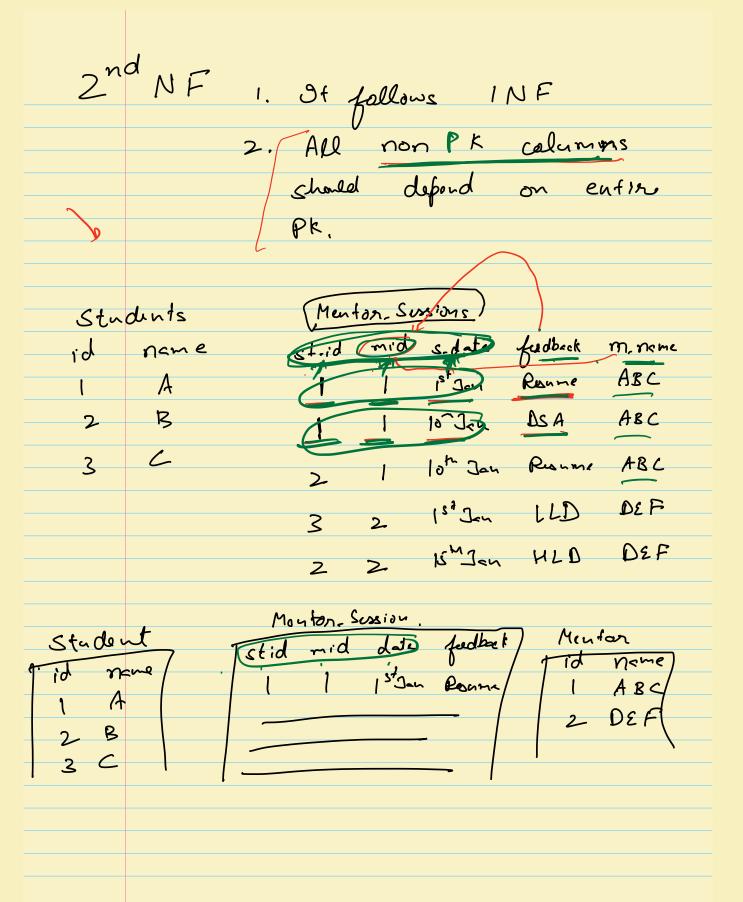


What is normalization? Technique to identify & resolve data redundancies leading to data anomalius. Data Anomalius Insur Anomaly. Students bid name email brame dab PSC C cad B1 D dae (2) B2 Null Null 3 E e24 Wasting space? V 1. Can't create a botch with no students Low performent? Date supplicately?

Delete Anomaly While deleting BB betch, studioù Z is also jesting deleted & vice-vousa. Update Anomaly o. Wastage of spece. 1. Low Performone & B2 Probability of data inconsistency in the asso. AN date diplicacy SIndent Roth 51 1 (00) Break = 9:59 to 10:06

NF
∾ท ุ
~ท,

Soln). Student ig phone nemi 21 76 76 233 222 460 b b b -CCC . C Final Solution Phone Student phone id name nxx A 660 CCCÞ



INF - No mulli-valued columns 2NF - Parlial dependency of non Pk columns on Pk. to INF ZNF 2. 2NF 3. All non PK calcumns should directly depend on Pt. There should not be a transitive enlation ship. Student email c'bid

