1. Table: anden Employee
1 27 Bengaluru P. P. MH.
2 26 Mumbai P. MH
3 26 Jaipun P.P2 4 25 Ranchi Pi
4 22 Narch
In 1 NF we Shouldn't contain multivalued
* Attributes in above table e-phone is multi- valued attoribute, so we need to create seperate
now for each value.
The state of the s
*In INF we shouldn't contain composite at- Enibute I so we need to split the values with
different column.
Empid Empage É address Emp-state E-phone
1 27 Bengaluru 1 hA 1 P2
2 26 Munbai WAMH
3 26 Jaipres RT
3 26 Jaipren RJ
4 25 Ranchi JH
Here we nemove the oredundancy & table one
Here we nemove the oredundancy & table INF Porimony key: -> Cemp-id, emp-phone)
2. Reduction of Redundancy: It contailbutes to effecient greenying & data manipulation in several ways
etterient greenying & data manipulation in
Liveral ways

a Imporove data consistency b Costimal Indexing C. Shallen table sites d. Simplified qualifier e Data Manipulation 3. A Functional Dependency is a snell ationship between 2 sets of attenibutes in a table. att specifies that values of 1 set of attenibutes, oreferred as dependent, attenibutes are determined uniquely by values of another set of attenibutes Example: Table: Students Example: Table: Students Example: Table: Students 2. Bobby 101 Math prof X 2. Bobby 101 Math prof Y 3. Chais 102 English prof X 4. Dean 102 English prof Y
* S_Jd => Name * C_Jd => C_name, Instruction * S_Jd, C_Jd => Sidy C_name 4. Indexing enhances the penformance of DB tables by improving Speed & effeciency of data pretorieval especially queries & Seanches

1	5 Thomas 3 116
1	5. There are is different ways of updating volume. a) Basic UPDATE: UPDATE table name
1	SET column 1 = Value 1, WHERE cond. ?;
1	b] UPDATE table name Using Subqueries:
1	SET COlumn = (SELECT name from table name WHERE cond.") WHERE cond.
1	CJUPPATE table name 1
1	SET table names cols = tab: names. cols from table JOIN.
1	tables ON table 1. Key-column = teable 2. Key-col WHERE cond?
1	6. DELETE TRUNCATE
_	* It is a DML Command * It is a DDL command * It can ux where claux * It can't ux where claus * It can ux where claux * It can't ux where claus
20190000	*It is companitively slow & I is homewell page
1	mows in the transaction who it stages page in
1	and the state of t
-	*Rollback applicable *Rollback not applicable
-	A NORTH STATE OF THE STATE OF T