DBMS NOTE BOOKS Semi Structured - Ky: Value A Stourctweed -> Tabular myar audils, Vidues Unstructured > Images, Rocus -> Tupples (B) Single How - record Registration rall no. -> Primary key - unique Abstraction Conceptual level data in tabular -OXTIN View level artend view live Physical. External level

multiple Clients but TOT dale NOTE BOOKS DBMS Axhitecture Exposiment 1 - 30/6/25 **fixed** Cxperiment 2 -> 7 7 35 2-tier -tux Cap Sint Since thirth Clients 40 mA) - max assent limit of Abadino Same marline Operating Voltage -> 5V Input voltage -> 7-12V Min - datency Y delay reviele 80 Dut of 14 6 pins - generating PMW PWM · no Security · From diff marhines, directly accessing the DB D3, O5, O6, D9, D10, D11 Pulse with G Cx G GG Co Clients Thous memory dittim 13-tion lastare laired Clients FRAM - 2 KB Saratako SET Web Intriface Javatar9' (Myntra) FROM -7 1KB Web Jozic Via. GND (Ground) DB Liver devial manitor > delreging tool Lints, land not fixed no. brood anibrua Hill

for ton | Off ded Thursday 10 July to 25 DATE / / DBMS NOTE BOOKS Void detup pare minimum Code - etranteral Integrity Referential without their, lades will not yun Integrity Entity Integrity Domain. thertena OP to the no evaluational ref topetrant enteget blu table which ID's tar llieu repterst ore same Char well count Himay y wing are called show (1000) time in milliferends Value space Possign Keys workers. ten blunds Levil- Jugan (9600) In child le null. this but table The data types this entry. tommon should be same Le unique FK helps to ie int - gall no!s · do not update character should parint / tables promise Key. gettee not be included level GOB table in unt noniteu Rules of it is not there. alled 1 nether level derial legin (9600) Wigner ton in it Primary Key Chitkere" But in powent it it as there sin it Brish secret feet serval Name GIRID STO -> thild " Prerika BTech 101 10 BBA YBC 10 2 102 MBA XYZ 103 J. Manny V W wearist Poxent Key

NOTE BOOKS Primary Kay Key Constrant # Alternate Key In those keys we have attributes should be only the retter lite Candidate Key Alternate Key These must be RID Emails mique. Aadhaxte Super Key- You need to take attributes which identify date uniquely. Product # leg 1Dg & Email & & Fadhar & alremoteria (11 may OLXEDRO lingle- SID 0, or you can take combinations -01 03 SID. Name & of SID, Email of & Reg10, Fee, Name & In this, no unique attribute is there Candidate Kely-Find from Supex Keys. Composite Key-When no unique attribute is there concept of Composite Key is introduced. SIDG RegIDG Email 6 Sid Namely X -> Connot be Seported as we hope token SID

スナリ 472 11July, 2025 147 NOTE BOOKS (Tronsitive fund Dependency: Friday # Functional Dependency - tells how attributes Grand Depart Name Dept 10 (nusse fee TESID Name Burnay Attributes are in such a way that they Carry O Determinant themselves (Interlined) Dependants or non-prime Prime attributes attribute Multi Value FD: > Duplicary within Full Funct. Dependency: Ki ex table me primary ky ek attribute hai which help to find attributes & if this attribute gets deleted absoluted gets deleted absoluted. Dep. Name amplo EV Btech 19717 51 BCom Partial Funct Dependency: Ki ex table me a Parimony Key to find non-prime attributes.

Apart of primary key, there is the Sid, Name 9 Touvial -(studietto dependant Josh determinant S TALL TALL & Sid Names but here name can be a Non-trivial- Dependents Cannot be 井 dependant also. Txivial SIDA means both determinant & FD Ditaminants

Transactions estart with start & ends with Le was a fine to 17July 2025 Commit TCI - Commands: Commit + helps in Community 1 Thursday NOTE BOOKS Data Models Rollback -> Because of any ever TCL Transaction at thew that · Data DOL DML. Start Control Cantral raiteerart ab Data Data Definition -100 then amount is lang. Manipulation lang language - 550 for dary. sent back to account in processing state sal + 5000 · for estaucture of SavepointSi Permissions tagnadi-· for data tallale - 10000 - Problem l'ie change, ons > This wall skip the delite Rollback to SI-Commit proceeding point Greate → datatype or add renume on change Alter → to delater any Column datatype i'e. 10,000 Justi Commands: DDLpayment nhi hogi 7 This will save Drep - to delete full table above transactions Truncate - If use don't want otherwise we need - Rename to delite full to start from start table but any again. ramides column Practical DML- Commands: Trisext-> name delete - roussise delete data data To see databases - show databases; Update -> update particular attribute -debtified seadated steen area of Select -> Agas table wale form me data dekhna hai breate table rinside database - use db2; table dist - show tables: DIL - lammands: frant - Gwing permissions Chock table - Create table gap name Revoke - Take permissions back Haxdor (do), Sid int princey kay, USOO 7 Insert Structure) branch vonchar (30); the court So table > describe Command > desc g la;

ley default same sequence vielle les planses DATE / PAGE (first method) First into glo values (riva) To see data > select * from gås; To put data > insert into gao name, sid Subrid method) Values (+ Siya, 3); to not follow. weder of patric trokris (ringa, 1, 63);