writing John quies, Equivalent ANDIOR remedie queies sémi To emplement rand brente Tolar gubidos Equivalent oquires and recurrence querles udug Hyikl Hange ment database. Inner Jon: Return's viscords that mathing values in both tables select patient-id, patient name, patient-bell. From pattents. INNER John patient specifications pattert address patient - Bill patient id patient some rajam 30,000 vinod Kadapa 40,000 Virat vellore 20,000 Vikam vizag \$0,000 INNER John patient specifications ON m. patient_td = s. patient_id LEFT Couter John: Relieve all receids from the table, & the mateled needs from the viight table. scient m. patient-id, m. patient -name, m. patient-bill, patient-addies, patient phone no. REPT Join phono specification . ON . m. patient id = s. patient id patent flore Patient address Patcent_B'4 Patient name Patientid 7992892 30,000 rajam rod ١, 663434 Kadapa 40,000 Vinat 99877694 rollose 2 Vikeam 20,000

Right (OUTCA) JOIN: letern all veileds your the right , and the natched records from the left table select m. patient_id, m. patient_name, patient_bell, patient address. From Patients Right join patients specyceations on. m. patient -id = spatient - id ; pateent address patient- sell pattent duno Patient 2d patient_Name dajam 7992892 30,000 unad Kadapa 6634321 40,000 99897694 unat Nellow 20,000 Vilkeam 3 Full outer Join: Return all newrols when there is a match en letter left of right table. select: m. phone - id, m. brand.m_model. J. ram, s. stolage, s. battery. Full outer Jet N politie doctor specializations. m. pateents-id = s. pacteut - id! patantph.no. patent-soldes bell Patient - id patient name 77992892 Rojans Virrod 30,000 6634321 Kadapa Vevek 9989764 40,000 rellole 2 20,000 Vikroin JoZN Quelles: Queste Tables:

conecte Tables;

weate lable patient (

patient I d INT PRIMARY KEY;

Patient Warne VARCHAR [SO] NOT NULL;

);

ouate table Data (

doctor Id INT Primary Key;

operalization VARCHAR [50] NOT NULL; isalary INT [50] NOT NULL; create table mediene (mediane_IO INT primary Key; mediane brown VARCHAR (50) NOT WULL; medine Name VARCHARCSOJNOTNULL Quantity INT check (perantity 20). purchase date DATE DEFAIT CURRENT DATE; FORERGN KEY (patient ID); References medianes (mediane ID) Caeate Table Payment Payment ID ENT PRIMARY KEY; purchase ID PUT unique; Amount elecimal (10.2) NOT NULL; Payment date defautt; durount/- DATE_ payament meshod VARCUTAR (20) CHECK (payment method INT 'ID' Net banking (2) Foreign they (peurlose ID); References purchase (purchase 20) ENSERT SAMPLE DATA Ensert ento patient falues ("Desiens names"). (101, 'Dialasis'); \(\n2, € B.p'); (103, concer'); Insert into patient value Payment values (1, Dialasés ,101):

(2, 'B.P', 102); (3, " Rancer', 101); (4, 'sugar', 103); (5, 'Halaria', 104); - involed patient 20 for vouter John Enample Insert ANTO Rulew values T'C': 'Patabore system: 101'); ('C2': Good product & wash st; 101); ('(3': product its' good; 102'); ('cq': afford to by it '103'); Ensert into Value (30,000, 15,000, 25,000, 2025-08-19) I low (realed completed) Reward inserted succenfully JOIN puries ; select pattent id, patient name, patient bill, address. a) June Four ! Zuner John patient specification on patient_id, patient_rame, From patient. select patient-id, patient-name, patientadobrers, patient-bill, b) Left Join: patient age high John phalient uperfluction con patient-id, patient-name; select patient -id, patient name, patient bill, patient e) glot Join; _address. From Patient

d) full outer Join: select : patient_id, patient_name, patient_address, patient_bill. from patient . P. full outer John patient specification "ON" p. patient -id = s-patient -id; u) Equivalent Quirio: select: patient rame, mediane model name trom predicine brand-2d', patient . RP, m. platent RP. using subsceptory select reducine name 5) Remissive query (purchase) with newsive puzzlase IP select payement / ID, patient ID from prerequistes select, payment ID, pateent ID From pre regulates P Join payment addly on patient ID = patient ID select * from . payment Herarchy. VEL TECH EX NO. PERFORMANCE (5) **RESULT AND ANALYSIS (5)** VIVA VOCE (5) RECORD (5) **TOTAL (20)** SIGN WITH DATE Result: Thus, the implementation of by commands whing and recursive queries waxe treathol successfully.