Tosk 5. WRITING JOIN QUERIES, EQUIPMENT AND /OR) RECURSI VE QUERIES 16/09/25 To implement and Execute join queires, Equivalent queries and recursive queries using a university dolahase Sceneric Procedure: The sol Joins chuse is used to Combine records from two or more table in a dolabas. A join is a means for Combine field; form two tables by using values Common values. * Create the dalabase and tables studing, Development · Courses Envoluent). * write son Overtes every different types of Thins + tripil somple dula. & rainfly results and verify Corections, Syritein: · Select golimon , Column & column 3. from take name , table some & where name, column - Lable - Marine & column Nouse types of points 1) - 34 cp de 10/113 EN FIF HILL a outer soin y inner four reduces recorded that Leaves maturing values in with tables select Column 1 mer () from table) Tenner was leaded in our theather confirming bonn 1/2 1/11 Stille count

(Lest outer) Jon: Return all reserve from the left and the records from the guiden SELECT miphone Id., mibrard, mirrodd, srom, s stonge, s bottery FROM mobile phones m LEFT Join phone specifications on m-phone. id = s.phone = id INSERT INTO payment values (30000 + 1500,05000), 2085 -08- FM) JUIN QUERIES OI INNER JOIN sever miphere id, m brand, mirroda, s-rom. storage. s. bortlery. FROM. mobile phone inna joian phone specification on miphine-id= 5 shoneid b) LEFT JUIN SELECT miphone and in brand , mi-model, s-rom, s-storage, s-battay. teft join phone Specification on m. phone. id = s.phone id; C) Right Phone Tur SELECT in phone id, m. brand im midel; s ram, s storage, s battery from mobile phones m Right Jon .

brand mindel Slotage Phone id. bila price roon 16**61**B 2566B 300 14P10 30000 Realme 188 GB 4.500 8 GB 15,000 10pro Red mi 55011 256GB 1261B 25,000 vivo 13 Pro RIGHT (OUTER JOIN) Phone-id storage battay brand Price model ram 16GB realme 14pro 30000 256GB 5000m

15000

25000

price

10pro

r3 pro

8GB

12GB

rom

128 GB

256GB

9500 m

5500m

FULL OUTER JOIN:

3

3

redmi

VIVO

brand

Phone id model storage balley 166B 30,000 5000 mats 14P/0 2566B reolme 2,500ma) 15,000 188613 861B 10pro redmi 2 55 00mm 18 GB 2566B Tzpro 25,000 Viv0

Q. JOIN QUERIES CREATE TABLES Create Tables customar (CUST ID INT PRIMARY KEY/ CUST HAME VARCHAR (SG) NOT NULL;) ; create table mobile (mobile ID INT PRIMARY KEY; Brand VARCHAR (50) Not NUIL; Mobile VARCHAR (50) Not Hull; price . Decimal (1012) CAECK. (Prize . 3000)) ; CREATE TABLE Purchase (purchase ID INT PRIMARY KEY CUST IDINT PRIMARY KEY Mobile TO NOT NULL Quantity IN - CHECK (Quantity 20); purchase Date Date Default Current DATE CREATE TABLE PAYMENT (PAYMENT INT PRIMARY KEY, PURCHASE ID INT UNIQUE, Payment parle perfault, Current data (Right outer) Join). SELECT m-Phone-id, m. brand- m. model- 3 ram. 3. storage, s. battery FROM mobile phones m FULL OUTER JOIN Phone specification on m. phone + id - s. phone - id;

3) FULL OUTER JOIN: selecti m. phone, m-brand, m-model, s-ram, s: storage - s. battay FROM mobile phones m FULL OUTER JOIN phone specification on m. phone -id · s. phone - id / phone-id brand model price ram stora bottery realme 14 pro 30 4) Equivalent Queries SELECT Simobile Nome M. Model Name FROM . Mobile phone JOIN · Brand ON Sphone ID = M · phone ID. using subquey SELECT Mobile Nome; (SELECT · Brand Name from · B rand B. where M. phone ID = 5. phone ID) AS model Name from Mobile phore; 5) Recursive Query (purchase hierachhy) with Recursive purchases. SELECT PAY Payment ID, Phone ID From pre requesties ___ UNION Select, Payment ID. CPHONE DO FROM Prereques P Resulti- The implemention of sal commands using Joins and recursive queries are Enerated Sucessfully