WRITTHE IOIN QUERTES EQUINALENT AND OR RECURSIVE QUERISE.

Aim To implement and execute Join ouvies equivalent oueries and mecursive oueries using mobile dolobose

IMVERTION

Return scecords that matching values in both tables

select millione-id m borand mimodel,

3 ram st storage ,s. bottery.

FROM mobile Phone m INNIER JOIN Phone Speci R.

Phone-id	pand	model	Porice
1.	Realme	(41310	30,000
٤.	Reolmi	10/200	15,000
3.	vivo	737910	25,000

INNERLION Phone elecifications: on .m Phone - id = s. Phone - id;

Thoneid	Jam	storage	baltry.
(.	164B	22648	soo mah
2.	SnB	12843	usoomph
3	1248	25 643	SSOO MAh

LEFT Couper) JOIN: Deturn all mecords - from the table and the matched ocerards from the right doble

SELECT in Phone - id , mboond, minodel.

s. som , s. storage , s. bothery.

FROM . Mobile Phones. m

Thone specification . on. m . Phone - id = s. Phone-id;

Phone-id	prand	model	Porice.	
1.	realme	14 300	30,000	
۵.	Redmi	10/20	(5,000	
3.	uivo	737510	25,000	

310	m	storage	balley.
186	B	256 E13	soomAh
84	В	12848	uroom Ah
126	18	२५६ ६८८	5500 mah.

RIEHT Couker) Join: Redurn all Remords forom the right table and the matched enecords from the left toble SELECT m. Phone. Id, m. boson d, m. model s.rom s. storage, s. storage, s. battery From mobile Phones m RIGHT JOIN Phone SPecifications on milhone -id = s. Phone -id;

Phone - id	puoug	model	Seine	You		baller
1.	Realme	10/210	30,000	1243	25 GGB	
Э.	Redmi	(करेक)	15,000		-1160	mor
3.	rivo	73750	25,000	(२७८	5, 440	500m

fafull outer Join Return all records when there is a match in either left or Right doble SELECT in Phone - id m brond mi model airon 8. Stronge 8. boldery

FROM Mobile Phones M File OUTER Jain Phone specifications on

m. Phone - - id = 8 . Phone - id;

A DESCRIPTION OF THE PERSON OF		1				
Phone-id	broad	model			storaje	
	Realme	เนาิดย	30,000	1603	256GB	1000
١.	Redmi	10/20	15,000	9 GB	12860	4500
3. (Vivo	नजीक व	J21000	1268	276613	7500

3. John QUERIES

INNER JOIN

SELECT m. Thone-id m. brond, m, model stom s. storage, s. bothery

FROM Mobile Thone m

IMMER Join Thone specification on m. Thone

-id = s. Phone - id;

5) LEFT Join!

SELECT millione - id m - brond .m model s. rom

8. storage , s. boddery

FROM mobile Thones.m

LEFT Join! Thone slecification on m-Thone - Id

= s. Thone - id;

SELECT m. Phone -id, m. brond, m. model

Swom, s. storage, s battery

FROM mabile Phones m

RIGHT mobile Phones m

on m. Phone -id = s. Phone -id;

d) Full outer join? Phones M Full outer join Phones M on m. Phone -id: 8. Phones Specification on m. Phone -id: 8. Phone -id;

4. Equivalent Queries:

SELECT S. mobile Nome, model Name

FROM mobile Phone

JOIN Band ONS: Phone 10: M Phone 1P;

-using subduent.

SELECT 'mobile nome!

(SELECT Brond Nome FROM Brond B.

WHERE M. Phone ID = S. Phone .P.) As

model Nome FROM mobile Phone;

S. Recusive OYERY (Purchase Hierachy).

WITH RECURSIVE Purchase As

SELECT Payment ID Phone ID

FROM Phone

UNION

SELECT Payment ID Phone ID

FROM Payment ID Phone ID

FROM Payment ID Phone ID

Agment ID

Ayment ID

SELECT FROM , Payment Hierarchy

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5
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Result: thus the implementation of species commands using Points and secursive Queries are executed successfully.