WRITING JOHN QUERIES, EQUIVALENT, ANDIOR

Ami- To implement and execute Join queries equivalent queries, and recurrishe queries using mobile database.

INNER Join :-

Returns rewards that matching valves in

SELECT M. Phone -id, m. brand, m, model,

s.ram, s.storage, s. battery.

trow mopile brown w

INNER 20:0 bpope 266;cr

Phone-id	brand	mode 1	Price
1 /	Realme	In bus	30,000
2	Redm:	10 pro	12,000
2	V.100	7,200	25,000

INNER JOIN Phone specifications

on m. phone it ? s. phone -id;

Phone -id	ram	storage	battery
1	1648	256 40	SOODMAH
2	848	128613	Usoomh
3	1290	25640	MAMOORE

LEFT (Outer) Join: Return all rewards from the table, and the matched records from the right table.

select m. phone -id, m. brand, m. model, s. ram, s. storage, s. battery.

From Mobile Phome sim

Left Join Phone Specifications ON m. phone-id

bhous - 19	prond	model	Price
and at the same	realme	IUPro	30,000
2	Redmi	10000	15,000
3	V.,V0	To Pro	25,000

ran	Storage	bothery
16413	25660	Swomah
san	128 613	USOMAH
tras	526113	SSOOMAH

RIGHT (outer) JOIN: - Retorn all records from
the right = table, and the matched records
from the left table.

SELECT M. Phore - id, m. brand, m. model,

s.ram, s. storage, s. battery.

FROM mobile phones m

RIGHT Join phone specification;
on m. phone -id = s. phone -id;

CHEO NOVE

Phone -id	brand		1			
1	3.4110	model	Price	ram	Storage	battery
	realme	MPro	30,000	1600	2600	5000 mah
2	Redm:	10000	0000	80D	12500	OFFIN VAM
3	VIVO	7, Pro	25,000	1240	528 60	

FULL OUTER John: - Return all rewards when there is a match in either left or right table SECET: m. phone - id, mbrand, m. model S. ram, s-storage, s. batters

1= ROM Mobile Phones M

FULL OUTER JOIN Phone specifications
8 and m. phone -id = s. phone -id;

Phone-id	brand	mode!	Price	Yaw	Storge	better
1	realme	lupro	30,000	1663	25640	OUD HAM
2	Redm;	10000	15,000	ECD	158 (1B	MAH
	v:v0	てったの	25,000	1260	27643	MAN

JOIN QUERIES: (a) INNER JOIN SELECT M. Phone-id, m. brand, m. model, s-ram, s. storage. s. battery. FROM mobile phone m INNEX 2011 brown abscit copou on. M. Phone-id : sphone -id; (P) LEFT ZOIN SELECT m. phone-id, m. brand, m. model, s.ram s.s.torage, s. battery. From mobile phones, m LEFT JOIN phone specification on . m. phone: es phone -id; (C) RICHY JOIN SECECT m. phone -id, m. brand, m. model, E-ram, s. storage, s. batters FROM Mobile Phones m RIGHT JOIN Phone Specification

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

9) FULL ONLES ZOIM:-SELET: - M. Phone - id, m. brand, m-model s. ram, s. storage is bottery.

From mobile phone m

FULL OUTER JOW phone specification on m. phone_id = s.phone_id;

U. Equivalent Queries:

SELECT. Mobile Name. model warme

FROM mobile phone

JOIN Brand NOS. Phone ID. M. phone ID;

- Using subgrany.

SELECT Mobile Name,

(SELECT Brand Name FROM . BRand D.

WHERE M. Phone ID = s. Phone ID) As

Model Name.

From Mobile Phone;

FROM Prerequies.

UNION SELECT Payment 10, c. phone 10 FROM Protegoisted P.

Tolly Payment Hierarchy 'ON P. Phone ID =

Payment ID

SELECT * FROM . Payment Hierconchy

VEL TECH	
EX NO.	5
PERFORMANCE (5)	37
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	4
RECORD (5)	1
TOTAL (20)	114
SIGN WITH DATE	1

Repult: Thus, the implementation of SQL.

commands using the Joins and recursing queries are excuted successfully.