Alales TASKIS

RECORSIVE QUERICS.

Aim! - 10 implement and execute join ourie, copolicalent everies and recursive overless using mobble dotabase.

INMERIONS

L'eterns remards that matching values in bothtable,

secect m.phone_Pd . m. bround, m. model, s. ram,

s. storoge, si boutteries

FROM MOBILE Phone in

Phone 1d	brand	model	Paper
	Realme	lupro	30,000
2	Redmi	10 pro	15,000
5.	VIVO	T3 P10	25,000

on m. phone Pd = 5. phone. - Pd;

Prom-Pd	ram	storage	battery.
	16 GB	2.56QB	5000 man
2	86B	13/898	uroomah
3	1293	256 GR	5500 man

and the matched records from the right table

SELECT . To. Phone _ Ed , m. brand, m. model, sram, s-storage, s. battery.

FROM mobble Phony m.

= S. phone id.

	-			-	
Pr	ione-Pd	brand	model	Pirce.	
1 7	realme	excelme	IUPro	30,000	
2	Redm?	ecdmi	10 P/O	15,000	
3	MINO	V140.	Tapro	251000	
f	am.	storage	battery.		
	16 48	256 GB	5000mah		
	SaB	12.8GB	usoomah		
	12 GB	256QB	5000 mach		

PIGHT (OUTERTION): - Retorn all records from the right table and the matched records from the text table.

select m. phone - Pd, m. brand, m. model, s. ram 5. storage, s. battery.

FROM mobile phonein

PIGHT FION Phone. Specifications.

ON ro. phone Id = s. phone -id:

Phon-Pd	brand	model	nece	rom.	Storage	karten
1.	pecelme	Lupro	20000	1698	25662	2 (Mino
2	Redmi	loph	15,000	8413	12.8 G B	usporm
3 .	VIVO	T3 P10	25,00	1248	256GB	5500m

FULL OUTER TION! - Return all records when those Ps a match fi efther left of light table.

Select: m. phone-id, m. brand, m. model, s. sam.

s. storage, s. battery.

FROM MOBILE Phonesm.

FULL OUTER TION Phone specification 5.0N m. phone 1d = 5. phone -id

Phon-Pd	brand	model	Price	ram	storage	battery
	Pealme	lupro	36,000	164B	2.56GB	5000 mah
2	pedmi	10 P10	15,000	(GB	12041	usso mas
3.	NIM	TSPO	251000	1248	25648	SSOU mak

I TION QUERICI

CREATE TABLES

create tables witomine

LUST LD INT PRIMARYKEY;

CUIT- Name WARLEME (50) NOT NOUL;

2:

Mobble 10 INT PRIMARY KEX

Brand was use (50) wat house

Model MARCHAR (50) NOT MOLL!

Price Decimpi (1012) CHECK (PIPLE 30, 500);

);

create TABLE porchase (

purchase 10 int primary kex;

MOBPLE AD NOT MULL;

QUantity int chille (accentary 20);

PUTCHAIR DATE DETAULT CURPENT DATE;
FOREGIN KEY (LUIT ID);

REFERENCES MOBILI (MOBILE 10)

11

POUROUR UP INT UNEVE;

AMOUND DECIMAL (WIZ) NOT NULL.

Payment Date DATE DETAULT.

CUPPENT - DATE,

Reyment method varieties (b)

CHECK (payment 2, method int 'up' aind;

Net banking; (100);

FORIEGN Key (Purchase 10)

REFERENCES PUTCHALL (purchaucip)

Invert Puto Mobele Value (1. Andread Exem);

(101, 'Pealme'), (1021' Red mil), (102, '4146'),

INTER INTO MOBILE Value payment value

(1, 1 pealme"; 101))

(2, 1 Redm9 1.9, 102)

(3, 'VIVO'; 101))

(4, 'PO(0'; 103))

(5, 1900; 100), -- Privally phone in for

outer tion example.

INIJERT INTO REVIED Value

c'ci'; (patabase system; 101);

C' Ci; 'Good product & worth PF; 101);

L' (3'; 'product PH good' 102),

e' (u'; attord to buy "+" 1'03");

INSERT INTO payment values (30,000:, 15000, 25 000, 2028-08-1)

I Row (rated. completed');

RUVIT: Plward Prilited sullifolly

3. TOIN QUERIES

a INNER TION

selet m. phone id, m. brand, m. model, s. ram S. Itorage.

s-battery.

FROM mobile Phonem.

INIMER TOIL Phone. Spreffication on m. phone-id=
.s.phone_id;

b. LEFT TOIM

selet. m. phone_Pd, m. brand, m. model s. ran, s. storage, s. bouttery

FROM MOBPLE Phones.M

LEFT TION Phone on m. phone id = s. phone -id;

Secret m. phone _ Id , m. brand, m. model, s. ram, s. storage s. battery.

FROM mobble phone in.

ELGHT TOIN, Phon Lpertiliation on m. phone id = 2- phone - Pd;

@ FULL OUTER TOIN!

secect: m. phone id, m. brand, m. model, s. ram, s. storage s. battery

FROM mobile phone m.

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

H. EQUIVACENT QUEETES:-SECECT: Sto MOBPLE Norme, m-model Norm, FROM Mobile Phone

TOTA Brand ON. Phone ID, m. Phone ID: WING

SELECT MOBPLE Mane;

M. Prom IDIS 1. Phone ID) As model Name
FROM Mobile Phone;

MITH RECORDS PURCHAMINATED.

SELECT POLYMENT ID, Phone ID.

FROM PIE requestilites

MOIMU

select, Payment ID, Phone ID

FROM Pre request efter p

TOIN Payment HPreachy ION P. Preveg ID =

LECECT * FROM , Payment Hierarhy

VEL TECH	-
EX NO.	To
PERFORMANCE (5)	2
RESULT AND ANALYSIS (E)	3
VIVA VOCE (5)	-
RECORD (5)	+
TOTAL (20)	110
SIGN WITH DATE	14
	10
4	To
	11 9

executed solutional