Dt: 9/96 Task T: Walting Tolin Quesies, Equivalent, AND/OR RECURSIVE DUERTES.

Alm: To Emploment John ornaries, countralest opusaies and remarive opusaies using university dooberse scenario.

Photechroe: \* theore distasses and toller

\* Insert Sample data.

\* Write saye armeries using diff hyper of Thirs

\* Implement necursive ordery.

\* Dis play healt.

Step 1:

Types of joins: 1) simple 2) self 2) outer

1) simple Join:

i) Eavei Join :

employees. empid = night-shift-empid;

## output:

empid	emp-name	company	solony .	Age	Join date
10	Ritheush	TCS	(0000)	21	2018-07-06
11	Alun	HCL	1000	19	2020-07-06
101	Ram	DHL	2000	20	2021-08-01

ii) Non-ear ui join:select \* from employees, night shift were employees. Age < vig ht\_shift age;

- Inner Toil.

relect e emp name nage from employee e INNER JOIN night suift non e emp id = n emp id;

euna name	age
aiteesh	21
Amin	19
Ram	20

Wallet is i) Non- early folia: select & from conflows, with ship with

Outer Join:

-> Left John:

solect e emp-name from employee e left Idin night shift in on e. empid = n-empid;

Output:

emp-name Ritheesh Alun Ram Ginanesh

-) Right Join:

solect. e. empid, n'age from employees e Right Join ugut\_shift in our e-empid = in empid.

output:

process of the last of the las	
emp_id	age
10	21
(1	19
101	20
NULL	22

-> Full outer join hot in MySRLY relect e emprome, n. com pany from employees e FOLL OUTER JOIN night-shift non e. empid: n. empid.

output:

emp_name	Company
Ritheesh	TCS
Aun	HCL
Ram	DHL
Ginanesh	NULL
Ramya	NULL
NULL	Amazor

- Full outer goin fact in Massey relect e-emproune, in Europeany from emplances of

Lymboles!

solect e emp name, nesday from employees e join night-shift n an empid: nempid; output:

emphane	solony
Ritheesh	10000
Aun	1000
Rom	2000

I Recursive query:

with neutricine comp 23 (solect emp name, emp id from employees UNION select e-emp name, n. empid from employees a JoIN comp con e-emp id=n. empid)

Solect & forom comp;

output:

	emperant	empid
	Pitcesh	10
	Amen	11
-	Rann	(01

VEL TECH CSE		
EX NO	5	
PERFORMANCE (5)	5	
RESULT AND ANALYSIS (5)	5 -	
VIVA VOCE (5)	5	
RECORD (5)	-	
TOTAL (20)	13	
GN WITH DATE	C	
	4/0	

Result:

Taus, the Emplementation of JoIn, earnivolent and recursive opposes using employee details dotabase no been completed successfully.