ASSIGNMENT 3

	ASSIGNMENT-3
1	Retrieve the names of all employees in department 5 who work more than 10 hours per week on Product x project
Ans:	PROD (PROJECT) PNAME = 'Productx'
600	EMP_PROJ PROD WORKS_ON PROD PROD WORKS_ON PNO AND HOURS 710
	EMP_PROJ DEP4 or (EMP LOYEE DEMP_PROJ DNO = 5 EMPLOYEE SSN = EMP_PROJ SSN) RES 4 TT (EMP_PROJ_DEP) FNAME, MINIT, LNAME
2.	List the names of all employees in department who have a dependent with the same first name as themselves.
Aru:-	EMP_DEP + EMPLOYEE DEPENDENT SSN = ESSN AND FNAME = DEPNAME
	RES - T (EMP_DEP) FNAME, MINIT, LNAME
3.	Find names of all employees who are directly supervised by 'Franklin Wong'
Ans:	SUP 4 FNAME = Franklin' AND LNAME = Nong!
	SUP_SSN - TT (SUP) SSN SSN SUP_SSN)
	RES T THAME, LNAME SEN = SUPERSON

	2
	ASSIGNMENT-8
4.	For each project, list the project name and total hows per week (by all employees) spent on that project
The second	howrs per week (by all employees) spent on
-	that project
- Ans:	TOT HOURS (OND T H) + F (NORKS_ON)
1110.	PNO SUM HOOKS
	HOURS_PROJ + TOT_HOURS M PROJECT PNO TOT_HOURS PNO = PROJECT PNO
617.69	RESULT (HOURS_PROJ)
-	COMPARED TO THE TROOP OF THE PROT
5.	Retrieve names of all employees who work on
(930)	every project (use division)
Ans:	PROJ_NOS = T (PROJECT)
- Business	PNO sale was a seed and
	PROJ_EMP + TTPNO, SSN (EMPLOYEE)
3 MAYA-	RES1 + PROJ_EMP - PROJ_NOS
	FINAL < T (RES1 * EMPLOYEE) FNAME, LNAME, MINIT
ul-	I Find manue of all employees who are dise
6.	Retrieve names of all employees who do not work
	on any project
-	May may project
Ans:	TOT. EMP + T (EMPLOYEE)
	WORKING - PROJ C TT SSN & PROJECT (WORKS-ON)

	3
	NOT_WORKING - TOT_EMP - WORKING_PROJ
	FINAL-NAMES TOLOT IL
	FINAL_NAMES (TNOT_WORKING * EMPLOYEE) FNAME, LNAME, MINIT
369	
7.	For each department, retrieve department name and
The season of	of all pamplations and that
The second	department of organizes working in man
Ans:	SAL (DND AV CAL) + T. FORDING
niw.	SAL (DNO, AV-SAL) + F EMPLOYEE PNO and salary
	RES1 + SAL * DEPARTMENT
1838, One	or transferred at a second to a second to
	FINAL_RESULT & TT (RES1) DNAME, AV_SAL
8.	Retrieve average salary of all female employees
Ans:	FEMALE_EMP < GENDER='F' (EMPLOYEE)
	AVG_ FEMALE & FAVG SALARY (FEMALE_EMP)
9.	Find the names and addresses of all employees who work on atleast one project located in Houston but whose department has no location
	Houston but whose a government
	in Houston.
	LOC_PROJ + O PLOCATION = HOWSON'
Ans:-	PLOCATIONS HOUSEN

	4
	HOUS & T (WORKS_ON \ NORKS_ON. PNO = LOC_PROJ. PNO) SSN EMPLOYEE)
	HOUS_EMP4 TT (HOUS DEMPLOYEE) SSN HOUS SSN = EMPLOYEE SSN RI & TT (HOUS_EMP) FNAME, MINIT, LNAME, ADDRESS
de To	DEPT_HOUS & O (DEPT_LOCATIONS & EMPLOYEE DNO)
	R2 - TI (DEPT_HOUS) FNAME, MINIT, LNAME, ADDRESS
	FINAL + RI- R2
10.	List the last names of all department managers who have no dependents
Ans:-	MNGS (SSN) + TMGRSSN (DEPARTMENT)
	MGR_DEPEN + TSSN (DEPENDENT)
	NO_DEPEN + MNGS (- MGR_DEPEN
	RESULT < T (NO. DEPEN * EMPLOYEE)
P(BA)3	institution but where department that we
	Cramous Possess P - Tool St.

	5
	LIBRARY DATABASE SCHEMA
YASA	all brighten to be toward at martin to
11.	Find all books (book titles) that are borrowed
	from 'Richardson' library branch.
100	to large states.
Ans:	LIB_BR L o Branch_name = 'Richardson' (LIBRARY_BRANCH)
WER. Code	RI LIB BR M BOOK_COPIES LIB-BR. Branch_id = BOOK_COPIES Branch_id
	RESULT 4 TT (RI DOOK BOOK BOOK A
aved to	a Repriese the manes of all behaviors who has
12.	Find all books (book titles) that are overdue.
Ans:	D-D + O SUDATE > DUEDATE (BOOK - LOANS)
	AND Return_Late = 'NUII'
1. OA //S	$RI \leftarrow D_D \bowtie RI$
001 - ha	D.D. Bookid = RI. Book-id
	FINAL - TT (RI)
13.	for each library branch find total number of
	Book to balade a tool stool day to last
Ans:	RI & SYSDATE > DUEDATE (BOOK_LOANS) Brandaid COUNT BOOK-Id AND RETURN-date = NULL'
	1 1 BRARY BRANCH
	ni manch 11 =
	LIBRARY BRANCH. Brandy
2 12 10	FINAL - T Evanch Name, count Book id (R2)
	2 KL J L3 KM - UM

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