



Expt. No.: 08 Page No.: Consider the inventory database with the following tables. Product (PID : Number; Name : Text; Prilie : Number) Punchase (PO: Number; PID: Number : Pty : Number) Steps I Coreate database Inventory 2. Quale tables Product and Punchase with and without constraint 3 View all table in Inventory Database 4 Insert five tuples into each relation 5. Display all the tuples in the Renduct and Punchase table 6. Update the product name for the PID = 40 as CAMERA-7 Delete information about the product whose PID = 50. 8. Perform saving and undoing. Step 01 - Counte tables Product and Punchase with and without constraints Create table Product (PID Number (10) Perimony Key. Name varchano(20) Not Null, Price Number (8.2)); Table austed Create table Purchase (PO Number (10) Primary Key. PRODUCT-ID Number (10) sufrences Product (PID). Oty Number (5); Table created Teacher's Signature

PID NOT NULL NUMBER	
	RLU
Name NOT MULL VARCHAR	als

Name	Null?	Type
PO	NOTNULL	NUMBER(b)
PRODUCT- ID		NUMBER(16)
QTY		NUMBER(8,

Step 3 :-

TABLE-NAME	STATUS
PRODUCT	VALID
PURCHASE	VALID

Step 4 1-

PID	NAME	PRILE
lo	PRINTER	20000
20	KEYBOARD	20000
30	MONITOR	150000
40	TABLE	25000
50	SCANNER	14000

Po	PRODUCT_ID	QTY
101	40	25
102	50	30
F01	44	60
104	46	40
105	46	70.

	Date:
Expt. No.:	Page No.:
desc Peroduct;	
dux Purchase;	
Step 02 :- View all tables is	n Inventory Patabase
select table-name, status	s from User-tables;
Step 03 - Ansent Bur tuples	into each sulation
9 next into Product (AD , N	IAME, PRICE) values (10, 'PRINTER'
THE RESERVE OF THE PROPERTY OF	E, PRICE) value (80, KEY BOARD 3000)
	, PRICE) values (30, MONITOR', 40000)
	. PRICE) values (40 'TABLE' 50000);
greet into Product (PID. NAME	PRICE) VALUE (50, SCANNER, GODOO)
Ansert into Purchase (PO, PURCH	IASE-10, Oty) values (101, 40, 25);
greent into Punchase (PO, PURCHI	ASE 10. Ptg) values (102, 50, 30).
	95E-10, Qty) values (103 44, 60);
	ASE-10, Qty) values (104, 46, 70);
Insort into Purchase (PD, PURCH)	ASE-10, 94y) Values (105, 46, 70),
Step 04: Display all the tu	pla in Product and Purcha
select * from Product;	
select * from Purchase;	
	Teacher's Signature

5 -	[PID	NAME	PRICE
	10	PRINTER	80000
	30	KEYBOARD	20000
	30	MONITOR	15000
	40	CAMERA	25000
	50	SCANNER.	14000

Step 6 1-

PID	NAME	PRICE
lo	PRINTER	20000
20	KEYBOARD	ನಿದಾರರ
30	MONITOR	150000
40	CAMERA	25000

Step 1 1

PID	NAME	PRICE
10	PRINTER	20000
20	KEYBOARD	20000
30	MONITOR	15000
40	CAMERA	25000
50	MOBILE	35000
60	LAPTOP	70000

	Date:
pt. No.:	Page No.:
Step 5 : Update the produ	not name for the PID = 40 as
Update Peroduct set	Name = 'CAMERA' where PID=40
Select + from product	t;
Step 6: Delete impremate	ion about the product whose
Delete from Paraduct	where PID = 50;
select * from Produc	ct;
Step 7 :- Perform Sain	ng and undoing
	D. Name, Pouce) values (50 MOBILE", 35 D. Name, Pouce) values (60 LAPTOP' 6500
commit ;	
select + from Produc	ct;
	MIRE PROPERTY.
	Teacher's Signature

Name	Null?	Туре
BID	Not null	VARCHAR 2(8)
TITLE	Not null	vanchana(&o)
AUTHOR		vanchard(30)
PUBLICATION		varcharalao
YEAR OF PUBLICATION		Number (4)

Expt. No.: 03 Consider the Ethnaney Ontohase with the following data and execute the querieu-Lib (BID: Number; Title: Text; Author: Text; Publication : Text ; Year-of-Publication : Text) Steps :-I Counte hib table by properly specifying the constraint 3. Add a new column Price with NOT NULL CONSTRUCT to the existing table Library. 4. All the constraints and views that sufrences the column are desopped automatically along with the column. 5 Rename the BID to BOOKID in the library table 6. Change the datatype of the column Year of publication as Test with size 15. I Insert data into library table 8. Truncate table to delete the seconds. 9. Desop table. Step 1: Greate Lib table by properly specifying the constraint Grata table Lib (BID varchand(s) primary key, title Vanchan 3(an) NOT NULL, author varchar 3(an), publication varchas &(&o), year-of-publication number(+1); DESC Lib: Teacher's Signature

		1	Type
2	Name	Musec	1 1/0)
	Rin	NOT NULL	varchara(8)
	The state of the s	NOT NOLL	varchar alao
	-	MINALINA	varchar 2120
	AUTHOR		
	PUBLICATION		varcher also
	VEDE OF PUBLICATE		number(4)

Steps -

Name	Null?	Туре
Bip	MOT MULL	warchard(s)
TITLE	MOT NULL	varchar 3(20)
AUTHOR		varchar also)
PUBLICATION		varchard(20)
YEAR OF PUBLICATIO		number(s)
PRICE	NOT NULL	number(8,2)

Step4 -

Name	Null	Type
	NOT NULL	VARCHARA(8)
TITLE	NOT NULL	VARCHAR &(20)
PUBLICATION		WATCHAR 2(8)
YEAR OF PUBLICATION		NUMBER (8,2)

Steps =

Name	Null	Туре
BookiD	NOTNULL	Varchax &(8)
TITLE	MOTRILL	Varchaz 2(30)
PUBLICATION		varcharg(go)
YEAR - OF - PUBL		Varchar A(do)
PRICE	NOT NULL	number (8,2)

pt. No.:	Page No.:
Step a . Rename the lib as	Library
Alten table hib mename	to Elberary:
Desc Library;	
Step 3 + Add a new column constraints to the existing	Price with NOT NULL g table library
Alter table hibrary Ado	Price number(8,2)
Desc Library:	
the column are dropped with the column	outomatically along
Alter table Library Dr cascade constraints;	op column Author
Dex Library:	
Step 5 - Rename the BID +	o Book 10 in the 17houry
Alter table hibrary	
0	runame column BIO TO BE
DESC LIBRARY)	rename column BIO TO BE

- 100	Null	Type.
Name	NOT NULL	· · · · · · · · · · · · · · · · · · ·
Book 10		VARCHBE(20)
PUBLICATION		VARCHARS(A)
YEAR-OF- PALICATION		VARCHAR(IS)
PRICE	MOTMULL	MUMBER (9.2)

Step 7 :

Name	Null	Туре	
BOOKID	NOT NULL	VARCHARA(1)	
TITLE	MOT MULL	VARLHAR ALAO	
PUBLICATION		VARCHAR 2(No)	
VEAR-OF - PUBLICATION		VARCHARA(IS)	
PRICE	MOT NULL	NIGHT BER (K.2)	

Step &

Name	Null	Type
BOOKID	NOT NULL	VAR CHARACE
TITLE	NOT NULL	VARCHARAGE
PUBLICATION		VARCHARA(IS)
VERR - OF PUBLICATION		VACHARE(8)
		NUMBER (L.D)

Expt. No.: Page No.:
Step 6 - Change the data type of the columns Year of publication as test with size is
Alten table Library Modify VERR of Publications VARCHARA(IS):
DESC LIBRARY;
Step 7 - Invent data into library table
"SKYWARD PUBLISHERS" 2022 300)
DESC LIBRARY.
Step 8 - Truncate table to delite the succede
TRUNCATE TABLE LIBRERY :
DESC Library;
Stip 9 - Drop table
Drop table library;
Desc Library
Step to >
Teacher's Signature

Step 1 =

Name	Null	Type
ENO	NOT NULL	VARCHARA(8
NAME	NOT NULL	VARCHAR2(K)
DEPT		VARCHARA(ID)
DOJ		DATE
SALARY		NUMBER (10,1)

Expt. No.:
Cansider the salary database and execute the following simple queries.
SALARYDB (EID : String; NAME : text; DEPT . String;
Steps
1. Greate table salary.
2. Enter juse texples into the table
3. Display employee number and their salary 4. Find the sum of salaries of all the employees 5. Find the sum and average salaries of employees of
a particular department.
6. Find the number of employees working for each department:
7. Display employee information in ascending and descending order of their date of joining
8. Find the highest salary that an employee draw
9 Find the bast salary that an employee draw 10. Display the details of employee whose name is
Rushank and salary is greater than 50,000
Step 1 :- Greate table salary.
CREATE TABLE SALARYDB (END VARCHAR DIE) primary le
NAME VARCHAR S(15) NOT NULL . DEPT VARCHAR S(10) .
DOJ DATE , SALARY NUMBER (10.2);
DESC SALARVOB;
Teacher's Signature

Expt. No.: ... Page No.: .. Step 2: Enter five tuples into the table INSERT INTO SALARYDB VALUES (4END, 4NAME , 4DEPT. 4 DO,T , 4 SARARY); Enter values for eno : "SC1010" Enter value for name: "AHANA" Enter value for dept: "HR" Enter value for doj: "15-FEB-2010" Enter value for salvey: 60000 SOL>/ Enter values for eno: "SCIDIZ" Enter values for name: "NAVEEN" Enter values for dept: 'MARKETING' Enter values for doj: "8-JAN-2019" Enter values for salary: 60000 SOL>/ Enter values for eno: "Scioi3" Entu values for name: "ANAGA" Enter values for dept: "HR" Enter values for dog: 14-APR-2012' Enter values for salary: 35000 SQL>/ Enter value for eno: "SCIDIS" Enter values for name "RUSHANK" Enter values for dept 'ADMIN' Enter values for doj. 16 MAY- 2011 50L>/ Enter value for eno: "SCIDIE" Enter values for name: "RAMESH"

Teacher's Signature

SHP3 SALARV
SCIOIO 60000
SCIOII 45000
SCIOI2 55000
SCIOIS 55000
SCIOIS 55000
SCIOIS 55000

275000

DEPT TOTAL SALA AVG-SALAY

ADMIN 55000 55000

FINANCE 70000 35000

HR 95000 47500

MARKETING 55000 55000

DEPT NUMBER OF EMPLOYEES

ADMIN

HR 2

FINANCE 2

MARKETING (

Expt. No.:			3	Page No.:	
En	ter the value ter the value ter value for		0 - MAR - Q	, K ¹ 10	
SE	LECT * FROM	SALARYDB	;		
Step	3 1- Display	employee o	umber a	nd their S	Calary
	SELECT ENO,	SALARY FRO	OM SALAI	RY DB;	
Stop	4 Find the	sum of s	alonin	of all th	-
	SELECT SUM (S	ALARY) AS	" TOTAL	- SALARY"	FROM
Step	5 - Find the	sum and	un depo	ge salari	u of
	AVG(SALARY)	AS 'AVERAG			
Step	6 . Find the department.	number of e	mployees	working :	for each
	ECT DEPT, COL			OF- EMPLOY	IEES "
			Teacher's Sig	nature	

Date

Stept

Lucas	DEPT	DOJ	SALARY
		04 - JUN-8	25000
			55000
			60000
	The state of the s		55000
-			45000
			35000
	NAME RUSHANK NAVEEN AHANA RUSHANK RAMESH ANAGHA	RUSHANK FINANCE NAVEEN MARKETING AHANA HR RUSHANK ADMIN RAMESH FINANCE	RUSHANK FINANCE 04 - JUN - 8 NAVEEN MARKETING 08 - JAN - 9 AHANA HR 15 - FEB - 10 RUSHANK ADMIN 16 - MAY - 11 RAMESH FINANCE 10 - MAR - 12

ENO	NAME	DEPT	DoJ	SALARY
SC1014	ANAGHA	HR	14-APR-12	35000
SC1011	RAMESH	FINANCE	10-MAR-12	45000
SC1015	RUSHANK	ADMIN	16-MAY-11	55000
801010	AHANA	HR	15-FEB-10	60000
SC1013	NAVEEN	MARKETING	08-JAN-01	55000
SC1016	RUSHANK	FINANCE	08-JUN-08	25000

Step 8 -

HIGHEST _ SALARY

60000

Step 9 =

LAAST - SALARY

\$5000

Step 10 '-

ENO	NAME	DEPT	DOT	SALARY
SCIDIS	RUSHANK	ADMIN	16-MAY-11	55000

Expt. No.:	Page No.:
Step + Display employee	information in according their date of goining
SELECT * FROM SALAYDB	DRDER BY DOJ ASC:
SELECT FROM SALARYDB	ORDER BY DOJ DESC:
Step 8 :- Find the highest	salary that an employe
SELECT MAX (SALARY) AS SALARYDB	"HIGHEST - SALARY " FROM
Step 9 : Find the least of	salary that an employee
SELECT MINI (SALARY) AS	"LEAST- SALARY " FROM
Step 10 : Display the deto name is Rushank and 50000	salary & greater than
SELECT * FROM SALA WHERE NAME - 'RUSHANK	
	Teacher's Signature

Name	Null?	Type
DNO	NOT NULL	NUMBER (4)
DNAME	NOT NULL	VARCHAR2(20)
DLOCATION		VARCHAR 2(20)

NAME	NULL?	Туре
ENO	NOT NULL	NUBER (6)
ENAME	NOT NULL	VARCHARA(20)
EBDATE		DATE
ADDRESS		VARCHARA(20)
GENDER		CHAR (1)
SALARY	NOT NULL	NUMBER (10)
DEPTNO		NUMBER (4)

ENO	ENAME	DNAME	INC- SALARY
1001	ANIRUDH	RESEARCH	49500
1004	LAKSHM	RESEFROH	60500
100#	PRASHANT	RESEARCH	22000
1005	VIDYA	RESEARCH	38500

MIN(E SALARY)	SUM (E-SALARY)	ANG (E. SALARY)
25000	In the second	35000
	MIN(E SALARY)	MIN(E SALARY) SUM (E SALARY) &5000 /05000

Expt. No.: 05 Page No.: Quate employee and department with the following attribute Create table Dept (DNO NUMBER(4) PRIMARY KEY, DNAME VARCHAR 8(80) NOT NULL , DEDCATION VARCHARS(80)); Guate table Emp (ENO NUMBER(6) PRIMARY KEY, ENAME VARCHAR 2(30) NOT NULL, EBOATE DATE, ADDRESS VARCHAR 2(20), GENDER CHAR, SALARY NUMBER (10) NOT NULL , DEPT NO NUMBER (4) REFRENCES DEPT) DESC DEPT: DESC EMP : (a) How the resulting salaries if every employees working on the 'Research' Departments is given a to percent maile SELECT E.ENO . E.ENAME , D.DNAME . II ESALARY AS "INC - SALARY " PROM EMP E, DEPT D WHERE E DEPPNO : D.DNO AND D.DNAME = 'RESEARCH'; (6) Find the sum of the salaries of all employees of the 'Accounts' department, as well as the maximum salary and the average salary in this department. SELECT MAX (E. SACARY), MIN (E. SACARY), SUM(E SACARY), AVO. E. SACAY) FROM EMP E, DEPT D WHERE EDEPT NO - DOND AND DONAME = "ACCOUNTS" Teacher's Signature

DESC	DEPT :-		-
100000	Name	Null?	NUMBER(4)
	DNO	ADT AULL	The state of the s
	DNAME	ANDT ANULL	VAR(HAR 2(20)
	DLOCATION		VARIHHNEIOU

SELECT FROM DEPT

T	DND	DNAME	DLOCATION
1	8	ACCOUNTS	JAYANAGAR
	4	RESEARCH	KENGERI
1	5	ADHIN	SOUTHEND

DESC EMP!

Name	Null?	Type
ENO	NOT NULL	NUMBER(6)
ENAME	NOT NULL	VARCHARA (20)
EBOATE		DATE
ADDRESS		VARCHARE(20)
GENDER		CHAR(I)
SALARY	NOT NULL	NUMBER (10)
DEPT NO		NUMBER(4)

SELECT FROM EMP.

Protection of the last	T. D. H.C.	FMF				
ENTO	ENAME	EBRATE	ADDRESS	G	SALARY	DEPT NO
1001	AMERION	14-JAN-90	BANGRIORE	M	45000	4
1004		04-MAR-9		F	5500	6
1002 F001	31NCHANE	22-DEC-90 26-JAN-8	MANGAIDRE	F	5000	2
1003	A HARMAN AND A STATE OF	86-NOV-90		М	20000	4
1005	7/25/2	0	HUBLI	М	3000	2
1006	No. of Concession, Name of Street, or other Persons, Name of Street, or ot		BANGALORE	F	35000	4
1008.		00 - Feb-10	BANGFINEE	M	65000	5
			The state of the s	1.1	\$2000	2.

o.:0h		Page No.:
wate emp and	dept with	the following attached
CREATE TABLE DEF		ATION (30))
DESC DEPT;		
INSERT INTO DEPT	VACUES (4, 'R	CCOUNTS', 'JAVANAGAR'); ESEARCH', 'KENGER!'); ADMIN', SOUTHEND');
SELECT * FROM	DEPT;	
VARCHARS(40) NO	T NULL, EBDA	TE DATE ADDRESS VARCH
GENDER CHAR , (4)); DESC EMP;	SALARY NUMBER	R (10) NOT MULL , DEPT NO
DESC EMP; INSERT INTO EMP	VALUES (1001. L	AKSHMI'. " 4-MAR-1995", MY
(4)); DESC EMP; INSERT INTO EMP 'F',55000 . 4) INSERT INTO EMP 'BONG BURGE' M	VALUES (1001. L	AKSHMI'. ' 4-MAR-1995', 'MY
(4)); DESC EMP; INSERT INTO EMP 'F',55000 . 4) INSERT INTO EMP 'BONG BURGE' M	VALUES (1001. L	AKSHMI'. ' 4-MAR-1995', MY
(H)); DESC EMP; INSERT INTO EMP 'F',55000 . H) INSERT INTO EMP 'BANGALORE', M	VALUES (1001.'L VALUES (1002.' , 45000. &); P VALUES (1006	AKSHMI'. ' 4-MAR-1995', 'MY

Step(a):	
-	ENAME
	PRAIALTAL

Step(b):

DNAME	COUNT(*)
ACLOUNTS	3
RESEARCH	4.

Expt. N	o.: Page No.:
(a)	Retrieve the name of each employee controlled by department number 5 (we EXISTS operators).
	SELECT FLENAME FROM EMP & WHERE EXISTS (SELECT D.DNO FROM DEPT D WHERE F.DEPT NO FROM AN E.DEPTNO = 5);
	Retrieve the name of each dept and no of employees working in each department which has atteast a employees
	SELECT D. DNAME, COUNT(*) FROM EMP F. DEPTD WHERE E DEPTNO = D. DNO GROUP BY DONAME HAVING COUNT(*) > = 2;
1	Teacher's Signature

Mame	Atul17	Type
ENID	NOT NULL	NUMBER(6)
EMAHE	NOT NULL	VARCHARA(86)
ERDATE		DATE
ADDRESS		VARCHARA(86)
GENDER		CHAR(I)
SALPEU	NOT HULL	NUMBER (10)
DEPT NO		NUMBER(4)
NO DE FMP		NUMBER(4)

SELECT * FROM EMP!

-	1	P. Dallaco					
ENO	ENAME	EBRATE	ADDRESS	6	SALARY	DEPTAID	
lon1	ANIRUBH	14-JAN-1990	BENGALORE	M	45000	4	4
100 4	TAKSHMI	SP-SAM-10	MUSORE	p.	5000	9	4
1003	SINHERNA	88-DEC-90	MANGALORE	F	5500	2	2
Inn#	PRESHANT	86-JAN-09	DHARWAD	M	20000	4	4
1003	PAIAIN	86-404-90	HUBLI	М	30000	2	2
1005	VIOVE	86-NON-98	HUBU	£	35000		
1004	PRAJWAL	08-FEB-74	BANGALORE	м	45000	4	5
800	RAJESH	20 000 -	BANGRIDEE	14	Etropo	3	2

apt. No.:	
	Page No.:
following attributes :	est table with the
VARCHARS(20) NOT NULL EBOATE GENDER CHAR , SAURRY NUMBER(10) NO. NO.DE CMP NUMBER(4));	DATE . Annuaco
DESC EMP;	
INSERT INTO EMP VALUES (1001, 'ANIRUPH', 'M', H5000, L);	'4-JAN-1990', BANSAIDEE'
"F", 55000, 4);	4-MAR-1998" "MVSORE"
INSERT IND ENP VALUES (1004, SINHCHAN	IA'. 'AA-DEC-1990', HUBU!
INSERT INTO EMP VALUES (100+ PRASHANT	SL-JAN - 1989 , DHARLOND
INSERT INTO EMP VALUES (1003, VINAY, SE	. THE THOUSE OFFI - YOM -
INSERT INTO EMP VALUES (1005 . VIDVA . '	SENDY-1948 HUBLI
M', ASDO, S);	'.'2 - Feb - Joo', 'Bench Roste
INSERT INTO EMP YALVES (1006 . 'RATESH'	, '2-Feb - axa'. 'BANG BLOKE
SELECT * FROM EMP.	
	cher's Signature

SECECT * FROM PROJECT

1	1 15/110-8	PRODECT	
	PNO	PNAME	PNUM
	10	ERP	5
	20	BANKING	2
+	30	CONNECT-TECH	9
1	40	SMART SEEK	5
-	50	FINANCE	2
+	60	ANACYTICA	4
L	70	MARKET, RESEARCH	4
1	80	SMART- SEARCH	4

DESC WORKS ON!

Name	Mull?	Туре
EMO	NOT MULL	NUMBER (+)
PNUM	MOT NULL	NUMBER (10)
HOURS	NOT NULL	NUMBER (3, 1)

SELECT * FROM WORKS ON :

ENO	PNUM	HOURS
100/	10	4.5
100.8	10	6
8001	10	4
1006	20	4
1004	20	8
1005	40	0
1003	50	8
1007	60	5.

Expt. No.: Page No. CREATE TABLE PROJECT (PAID NUMBER(16) PRINTER TEXT PNAME VARCHAR S(SO) NOT NULL PNUM NUMBER (4) DESC PROJECT ; INSERT INTO PROJECT VALUES (10 TERP 5): INSERT INTO PROJECT VALUES (AD. BANKING 1) INSERT INTO PROTECT YALVEL (30, CONNECT TECH . 4): INSERT INTO PROTECT VALUES (40 SMART SEEK 5). INSERT INTO PROSECT VALUES (50, FINANCE , 8) INSERT INTO PROTECT VALUES (GO, ANALYTICA A); INSERT INTO PROTECT VALUES (TO, 'MARKET RESEARCH' 4) INSERT INTO PROJECT VALUES (80 'SMART - SERRCH : 4) SELECT + FROM PROTECT: CREATE TABLE WORKS ON (END NUMBER(A) REFRENCES NOT NULL PAIUM NUMBER (10) REFRENCES PROTECT NOT NULL . HOURS NUMBER (3.1) NOT NULL , PRIMARY KEY (END , PNUM)); DESC WORKS-ON ; INSERT INTO MORKS-ON VALUES (1001, 10, 45) INSERT INTO WORKS ON VALUES (1002, 10, 6); INSERT INTO WORKS ON VALUES (1008, 10, 4); INSERT INTO WORKS-ON VALUES (1006, 20, 4); INSERT INTO NORKS-ON VALUES (1004, 20, 8) INSERT INTO WORKS ON VALUES (1005, 40, 8); INSERT INTO WORKS ON VALUES (1003, 50, 8) INSERT INTO WORKS, ON VALUES (1004 , 60, 5) Teacher's Signature

Step (a)					
4	PND	PNAME	NO DE EMP		
	10	ERP	3		
	_60	ANALYTICA			
-	åo	BANKING	2		
	40	SMART SEEK	1		
	50	FINANCE	1		

Step (6) :-

ENAME	EBRATE
AMIRUDH	14-JAN-90
SINHCANA	88-DEC-90
VINAY	26-NOV-90

apr. NO	Page No.:
S	ELECT * FROM WORKS ON ;
(a) E	name and the number of employee solve court on that expect . (use GROUP BY).
P	SELECT P.PNO , P.PNAME , (OUNT (*) AS "NO DE FMP" FROM PROJECT P.WORKS ON W WHERE PPNO = W PNOM GROUP BY P.PNO , P.PNAME ;
(b) Ro	obscine the name of employees who born in the year
	SELECT ENAME, EBOATE FROM EMP WHERE EBOATE LIKE
	Teacher's Signature

DESC DIPT

Name	Null?	Type
DNO	NOT MULE	MUMBER (4)
DNAME	NOT MULL	VARCHARE(20)
DLOCATION		VARCHAR 3 (80)

SELECT * FROM DESC :

Name	Not NULL	Type MUNIBER(N)
ENAME	NOT MULL	VARCHARAGA
EBRATE		DATE
Appress		VARCHARAGA
GENEER		CHAR(I)
SALARY	NOT MULL	NUMBER (10)
DE PTNO		NUMBER(H)
NO-DE- EMP		NUMBER(4)

SELECT FROM RESC;

DNO	DNAME	DIDITATION
2	ACCOUNTS	JAVANAGAR
4	RESEARCH	KENIGER1
5	ADMIN	SOUTHEND

10.:0.8	Page No.:
following attributes	total table with the
CREATE TRBLE DEPTI DNO NUMBER	(H) PRIMARITEEV , DARME WAS AN
DESC DEPT:	
CREATE TABLE EMPLEND ALMBER VARCHARALAD NOT NULL , EBDAT GENDER CHAR , SALARY NUMBER REFRENCES DEPT , NO-DE-EMP V	E DATE . ADDRESS VARIONASIA
DESC EMP.	
INSERT INTO DEPT VALUES (4. INSERT INTO DEPT VALUES (5.) SELECT * FROM DEPT;	RESERROH KENBERT
INSERT INTO EMP VALUES (INTO EMP VALUES	+ 'LAKSHMI' + HAR-1998' "MY

FAIT	ENAME	EBOATE	ADDRESS.	6	SALARY	EXPTAIN	Algapy.
		IH-JAN-90.	BANGALORE	M	45000	9	3
IOOI		DH- MAR-18		F	5500	4	2
1004	The state of the last	AS DEC TO		F	5000	2	1
		As-Nov-90		M	20000	4	2
500		26-ND-98		M	30.00	2	2
005	Personal Property lies	03 766-14	The second	F	35000	4	3
SECTION 1	PRATWAL	9-Feb-4158	AIR	M	65000	5	10
38	Remen	06-30N-86	BLR	M	25000	a	2

(6)

DNAME	DNO	COUNT(*)
ACCOUNTS	2	1
RESEARCH	4	2

	Date:		
Expt. No.	Page No.:		
INSERT INTO THE YALLES (1003, 1) 'M', 30000, 2, 1); INSERT INTO EMP VALUES (1005, 1); 'F', 35000, 4, 3);			
	PRAJHAL, 2-3eb-1934 BLE		
M . 25000 . 2) 2)	RATESH, 2-Feb- ADID, BER		
SELEC * FROM EMP;			
a Est each department that subscript the department non who are making salary	other and not of employees		
DEPT O WHERE E. DEPTNO - E	*) AS "NO. DE EMP" FROM EMP E. D. DNO AND F. SALARY > 40000 AND ROM EMP GROUP BY DEPTHO DUP BY D. DNO. D. DNAME;		
	has more than two employers number and no of employers more than 40000.		
D-DNO IN (SELECT DEPTN	AND E-SALARY > 40000 AND		
	Teacher's Signature		

Name	Mull?	Type
ENO	NOT NULL	NUMBER (6)
ENAME	NOT NULL	VARCHARALA
EBRATE	-	DATE
ADDRESS	-	VARCHAR3(20)
GENDER		CHARLI
SERY	NOT NULL	NUMBER (10)
SEPTINO		HUMBER (4)

SELECT + FROM FMP

EN	ENAME	EBRATE	ADD RESS	G	SALARY	DEPTINO	-
1001	ANIRUDH	14 - JAN-	TO BANGALORE	M	45000	4	
1004	LAKSHMI	-04 - MAR-9	MYSORE	F	5500	4	3 2
1002	SINHCANA	22-DEC-9	MANSACURE	F	5000	2	1
100±	PRASHANT	86 JAN - 89	DHARWAD	M	20000	4	3
1003	YINAV	26 Nov - 90	4101341	M	3000	2	1
1005	VIDVA	26-NOV-78	HUBLI	F	35000	4	2
	PRAJWAL	02 FER- 74	BANGALORE	M	60000	5	_
1 80	RAJESH	02 FFR - 10	BANGALORE	M	25000	2	1

xpt No.: 09	Date:
County and	Page No.:
attributes:	ble with the following
CREATE TABLE EMP(END NUMBER VARCHAR 2 (40) NOT NULL, EBDAT GENDER (HAR, SALARY NUMBER) NUMBER (H), NO. OF EMP VARCHA	E DATE, ADDRESS VARCHINER(80)
DESC EMP);	
INSERT INTO EMP VALUES (1001, 1	ANIRODH', 14-JAN-1990', 'BLR',
MYSORE', F', 55000, 4, 2);	
INSERT INTO EMP VALUES (1008, SIN	HCANA", " &8- OFC-1990", MANSAGO
M' , 20000 , 4 , 3)	PRASHANT . 26- JAN- 1998 . DHARWA
INSERT INTO EMP VALUES (1003, 'VI	NAT . ' &6- NOV- 1990 . 'HUBLI '.'
INSERT INTO EMP VALUES (1005, 'F' 35000 + 2);	VIDYA : 1 26-NOV-1978 : "HUBLI"
INSERT INTO EMP VALUES (1006,	' PRAJWAL', ' 8-FEB-1974', '8
M', 25000, 2, 1):	'RAJESH', '&-FEB-8010', 'BLE
SELECT * FROM EMP;	
	Teacher's Signature

DESC PROJECT:

Name	Nutte	Type
PNO	NOT NOU	MUMBER! 10
PHANE	NIST NOLL	VAR CHER 202
PNIN		MUNICIPAL (4)

SERECT * FROM PROTECT

	-	PROSECT	
- 4	PNo	FNAME	PNOH
Į.	D	ERP	5
÷	80	BANKING	3
- 1-	30	COMMET_TECH	6
1	60	SMART, SEEK	5
1	50	FINANCE	2
-	60	AMELYTICA	4
1	30	MARKET, RESERVE	4
1	80	SMART SERRCH	te

PNO	PNENE	NO DE ENC. LINETE
lb	FFO	2

	the same of the same of
Expt. No.:	
Fogs to	
VERCHAR 2(20) NOT NULL PARK TO PRIMERY RE	
VERCHAR 2(20) NOT MULL, PAUM NUMBER (+3);	C. PRAME
PAUR NUMBER (A));	
DESC PROJECT:	
INSERT INTO SOME	
INSERT INTO PROJECT VALUES (ID. 1ERP. 5).	
INSERT INTO PROTECT VALUES (40 PANNING! 4)	
PROJECT VALUES (30, CONNECT TOTAL)	43:
MALUES (40, SHEET, SEEV M)	
INTO PROTECT VALUES (CD FINISHER PA	
INSERT INTO PROTECT VALUES (60 AMERITICA) 4)	
INSERT INTO PROJECT VALUES (70 MARKET - RESERVE	
INSERT INTO PROTECT VALUES (80 SMEAT SEARCH	SR LAY
Late Control of the C	2
SELECT * FROM PROJECT,;	
January Project,	
For each project on which more than to	uzo employees
work rosing the people tumber profed	name
and the number of employee who won't on	that maint
SELECT PPNO , PPNAME , (OUNT (*) AS "NO-	nc 5540
WORKING " FROM PROJECT P. WORKS-DN W	
P.PNO = M.PNUM GROUP BY P.PNO . P.PNAM	+10/4/1002
(OUNT (*) >2;	
Teacher's Signature	