1)

```
10
                                V 4
 ✓ Autocommit
                Rows
                                               Save
                                                        Run
CREATE TABLE Dept ( Deptno NUMBER(2) NOT NULL PRIMARY KEY, Dname VARCHAR(14), Loc VARCHAR(13));
CREATE TABLE Vehicle ( Vehicleid NUMBER(5) NOT NULL PRIMARY KEY, Vehiclename VARCHAR(10));
CREATE TABLE Emp (
Empno NUMBER(4) NOT NULL PRIMARY KEY,
Ename VARCHAR (10),
Job VARCHAR (9),
MGR NUMBER (4),
Hiredate DATE,
Sal NUMBER (7,2),
Comm NUMBER (7,2),
Deptno NUMBER(2) REFERENCES Dept(Deptno)
);
CREATE TABLE Empvehicle (
Empno NUMBER (4) REFERENCES Emp (Empno),
Vehicleid NUMBER(5) REFERENCES Vehicle (Vehicleid)
);
DESCRIBE Dept;
DESCRIBE Vehicle;
DESCRIBE Emp;
DESCRIBE Empvehicle;
```

RESULT:

bject Ty	pe TABLE	Object DEPT							
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DEPT	<u>DEPTNO</u>	NUMBER	2	2	0	1	25	2	82
	DNAME	VARCHAR2	14	2	2	2	/	2	2
	LOC	VARCHAR2	13	-			/		-

Object Type	TABLE Object VI	EHICLE							
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
VEHICLE	VEHICLEID	NUMBER	70	5	0	1	170	3	47
	VEHICLENAME	VARCHAR2	10	-	-	-	/	-	. .

bject T	ype TABLE O	bject EMP							
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMP	<u>EMPNO</u>	NUMBER	070	4	0	1		7:	-
	ENAME	VARCHAR2	10	*:	5.5	. 	~		
	JOB	VARCHAR2	9	+	¥9	9	/	÷	-
	MGR	NUMBER	020	4	0	22	/	<u> </u>	0
	HIREDATE	DATE	7	5	7.		/	7.	7.
	SAL	NUMBER		7	2	-	~	-	-
	COMM	NUMBER	-	7	2	-	~	25	-
	DEPTNO	NUMBER	-	2	0	-	/		-

Results Explai	n Describe	Saved SQL	History						
Object Type TAE	BLE Object EN	IPVEHICLE							
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMPVEHICLE	<u>EMPNO</u>	NUMBER	-	4	0	-	/		(3 +)
	VEHICLEID	NUMBER	=	5	0	-	/	94	12
								1	- 2

```
2)
--DEPT
INSERT INTO DEPT VALUES (10,'ACCOUNTING','NEW YORK');
INSERT INTO DEPT VALUES (20, 'RESEARCH', 'DALLAS');
INSERT INTO DEPT VALUES (30, 'SALES', 'CHICAGO');
INSERT INTO DEPT VALUES (40, 'OPERATIONS', 'BOSTON');
--EMP
INSERT INTO EMP VALUES
(7369,'SMITH','CLERK',7902,to date('17-12-1980','dd-mm-yyyy'),800,NULL,20);
INSERT INTO EMP VALUES
(7499, 'ALLEN', 'SALESMAN', 7698, to date('20-2-1981', 'dd-mm-yyyy'), 1600, 300, 30);
INSERT INTO EMP VALUES
(7521,'WARD','SALESMAN',7698,to date('22-2-1981','dd-mm-yyyy'),1250,500,30);
INSERT INTO EMP VALUES
(7566, 'JONES', 'MANAGER', 7839, to date('2-4-1981', 'dd-mm-yyyy'), 2975, NULL, 20);
INSERT INTO EMP VALUES
(7654, 'MARTIN', 'SALESMAN', 7698, to date('28-9-1981', 'dd-mm-yyyy'), 1250, 1400, 30);
INSERT INTO EMP VALUES
(7698, 'BLAKE', 'MANAGER', 7839, to_date('1-5-1981', 'dd-mm-yyyy'), 2850, NULL, 30);
INSERT INTO EMP VALUES
(7782, 'CLARK', 'MANAGER', 7839, to date('9-6-1981', 'dd-mm-yyyy'), 2450, NULL, 10);
INSERT INTO EMP VALUES
(7788, 'SCOTT', 'ANALYST', 7566, to date('13-7-87', 'dd-mm-yyyy'), 3000, NULL, 20);
INSERT INTO EMP VALUES
(7839, 'KING', 'PRESIDENT', NULL, to date('17-11-1981', 'dd-mm-yyyy'), 5000, NULL, 10);
INSERT INTO EMP VALUES
```

```
(7844, 'TURNER', 'SALESMAN', 7698, to date('8-9-1981', 'dd-mm-yyyy'), 1500, 0, 30);
INSERT INTO EMP VALUES
(7876, 'ADAMS', 'CLERK', 7788, to date('13-7-87', 'dd-mm-yyyy'), 1100, NULL, 20);
INSERT INTO EMP VALUES
(7900, 'JAMES', 'CLERK', 7698, to_date('3-12-1981', 'dd-mm-yyyy'), 950, NULL, 30);
INSERT INTO EMP VALUES
(7902, FORD', ANALYST', 7566, to_date('3-12-1981', 'dd-mm-yyyy'), 3000, NULL, 20);
INSERT INTO EMP VALUES
(7934, 'MILLER', 'CLERK', 7782, to date('23-1-1982', 'dd-mm-yyyy'), 1300, NULL, 10);
--VEHICLE
insert into vehicle values(2001, 'Toyota');
insert into vehicle values(2002, 'Maruti');
insert into vehicle values(2004, 'Nissan');
insert into vehicle values(2003, 'Hyundai');
insert into vehicle values(2005, 'Volkswagen');
insert into vehicle values(2006, 'Honda');
insert into vehicle values(2007, 'Benz');
--EMPVEHICLE
insert into empvehicle values(7566,2001);
insert into empvehicle values(7698,2002);
insert into empvehicle values(7788,2003);
insert into empvehicle values(7839,2002);
insert into empvehicle values(7902,2004);
```

SELECT * FROM Dept;

SELECT * FROM Vehicle;

SELECT * FROM Emp;

SELECT * FROM Empvehicle;

RESULT:

Results	Explain Describe	Saved SQL	History
DEPTNO	DNAME	LOC	
10	ACCOUNTING	NEW YORK	
20	RESEARCH	DALLAS	
30	SALES	CHICAGO	
40	OPERATIONS	BOSTON	

Results Ex	plain Describe	Saved SQL	History
VEHICLEID	VEHICLENAME		
2001	Toyota		
2002	Maruti		
2004	Nissan		
2003	Hyundai		
2005	Volkswagen		
2006	Honda		
2007	Benz		

Results	Explain	Describe	Saved SQL	History

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7521	WARD	SALESMAN	7698	02/22/1981	1250	500	30
7566	JONES	MANAGER	7839	04/02/1981	2975		20
7654	MARTIN	SALESMAN	7698	09/28/1981	1250	1400	30
7698	BLAKE	MANAGER	7839	05/01/1981	2850	-2	30
7782	CLARK	MANAGER	7839	06/09/1981	2450	4	10
7788	SCOTT	ANALYST	7566	07/13/0087	3000	+	20
7839	KING	PRESIDENT	-	11/17/1981	5000	-	10
7844	TURNER	SALESMAN	7698	09/08/1981	1500	0	30
7876	ADAMS	CLERK	7788	07/13/0087	1100	1.70	20
7900	JAMES	CLERK	7698	12/03/1981	950	:3:	30
7902	FORD	ANALYST	7566	12/03/1981	3000	-	20
7369	SMITH	CLERK	7902	12/17/1980	800	44	20
7499	ALLEN	SALESMAN	7698	02/20/1981	1600	300	30
7934	MILLER	CLERK	7782	01/23/1982	1300	-	10

Results	Explain	Describe	Saved SQL	History	
-					

EMPNO	VEHICLEID
7698	2002
7788	2003
7839	2002
7566	2001
7902	2004