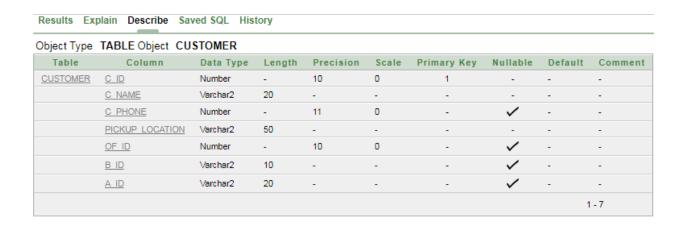
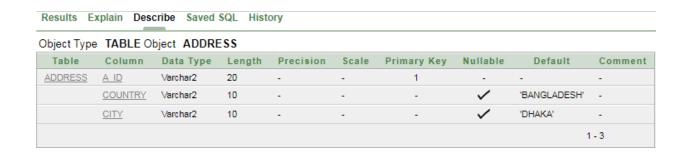
Table Creation:

1. Create table Customer(c_id number(10) primary key,c_name varchar2(20) not null,c_phone number(11), pickup_location varchar2(50) not null, of_id number(10),b_id varchar2(10), a_id varchar2(20));



2. Create table address(a_id varchar2(20) primary key, country varchar2(10) default 'BANGLADESH',city varchar2(10) default 'DHAKA');



3. Create table car(reg_number number(10) primary key, car_name varchar2(20) not null, year number(4) not null, color varchar2(10) check(color='SILVER' or color='BLACK' or color='RED' or color='WHITE'),c_id number(10),d_licence varchar2(15),ow_id number(10),i_number number(10));

Object T	ype TABLE Ob	iect CAR							
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CAR	REG NUMBER	Number	-	10	0	1	-	-	-
	CAR NAME	Varchar2	20		-	-	-	-	-
	YEAR	Number	-	4	0	-	-	-	-
	COLOR	Varchar2	10	-	-	-	/	-	-
	C ID	Number	-	10	0	-	/	-	-
	D LICENCE	Varchar2	15	-	-	-	/	-	-
	OW ID	Number	-	10	0	-	/	-	-
	I NUMBER	Number	-	10	0	-	/	-	-
								1	- 8

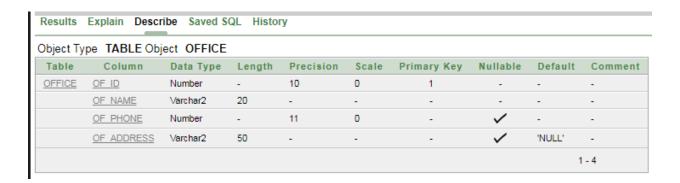
4. Create table driver(d_licence varchar2(15) primary key, d_name varchar2(20) not null,d_phone number(11) Unique, d_location varchar2(20),d_salary number(6),c_id number(10),ow_id number(10));

Results	Explain Desc	ribe Saved S	QL Histo	ory					
Object Ty	pe TABLE Ob	ject DRIVER	ì						
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DRIVER	D LICENCE	Varchar2	15	-	-	1	-	-	-
	D NAME	Varchar2	20	-	-	-	-	-	-
	D PHONE	Number	-	11	0	-	/	-	-
	D LOCATION	Varchar2	20	-	-	-	/	-	-
	D SALARY	Number	-	6	0	-	/	-	-
	C ID	Number	-	10	0	-	/	-	-
	OW ID	Number	-	10	0	-	/	-	-
								1	- 7

5. Create table owner(ow_id number(10) primary key,ow_name varchar2(20) not null, ow_phone number(11) unique, ow_address varchar2(50) default 'NULL', of_id number(10));

Object Ty	pe TABLE Obje	ect OWNER							
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>OWNER</u>	OW ID	Number	-	10	0	1	-	-	-
	OW NAME	Varchar2	20	-	-	-	-	-	-
	OW PHONE	Number	-	11	0	-	/	-	-
	OW ADDRESS	Varchar2	50	•	-	-	/	'NULL'	-
	OF ID	Number	-	10	0	-	/	-	-
							•	1	- 5

6. Create table office(of_id number(10) primary key, of_name varchar2(20) not null, of_phone number(11) unique, of_address varchar2(50) default 'NULL');



7. Create table insurance(i_number number(10) primary key,i_typeid number(4));



8. Create table insurance_type(i_typeid number(4) primary key,full_coverage number(10) not null, liability number(10) not null);

Results Explain	Describe Saved S	QL History							
Object Type TABL	E Object INSURA	NCE_TYPE							
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
INSURANCE TYPE	I TYPEID	Number	-	4	0	1	-	-	-
	FULL COVERAGE	Number	-	10	0	-	-	-	-
	LIABILITY	Number	-	10	0	-	-	-	-
								1	1 - 3

9. Create table employee(e_id varchar2(10) primary key,e_name varchar2(20) not null,e_gender varchar2(10) check(e_gender='MALE' or e_gender='FEMALE'),e_hiredate date,e_salary number(10) default '0',of_id number(10));

Results Exp	plain Describe	Saved SQL	History						
Object Type	TABLE Object	t EMPLOYE	E						
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMPLOYEE	E ID	Varchar2	10	-	-	1	-	-	-
	E NAME	Varchar2	20	-	-	-	-	-	-
	E GENDER	Varchar2	10	-	-	-	/	-	-
	E HIREDATE	Date	7	-	-	-	/	-	-
	E SALARY	Number	-	10	0	-	/	'0'	-
	OF ID	Number	-	10	0	-	/	-	-
								1	-6

10. Create table destination(street_id varchar2(20) primary key,a_id varchar2(20),c_id number(10));



11. Create table bill(b_id varchar2(10) primary key, b_discount varchar2(10),b_cash number(10), b_check number(10), b_credit number(10));

Results	Explain Des	cribe Saved	SQL Hist	tory					
Object T	ype TABLE O	bject BILL							
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
BILL	B ID	Varchar2	10	-	-	1	-	-	-
	B DISCOUNT	Varchar2	10	-	-	-	~	-	-
	B CASH	Number	-	10	0	-	~	-	-
	B CHECK	Number	-	10	0	-	/	-	-
	B CREDIT	Number	-	10	0	-	~	-	-
								1	- 5

Constraints-:
 Alter table customer add constraint fk1 foreign key(a_id) references address(a_id);
2. Alter table customer add constraint fk2 foreign key(of_id) references office(of_id);
3. Alter table customer add constraint fk3 foreign key(b_id) references bill(b_id);
4. Alter table car add constraint fk4 foreign key(c_id) references customer(c_id);
5. Alter table car add constraint fk5 foreign key(d_licence) references driver(d_licence);
6. Alter table car add constraint fk6 foreign key(ow_id) references owner(ow_id)
7. Alter table car add constraint fk7 foreign key(i_number) references insurance(i_number);
8. Alter table driver add constraint fk8 foreign key(c_id) references customer(c_id);
 Alter table driver add constraint fk9 foreign key(ow_id) references owner(ow_id);

- 10. Alter table owner add constraint fk10 foreign key(of_id) references office(of_id);
- 11. Alter table insurance add constraint fk11 foreign key(i_typeid) references insurance_type(i_typeid);
- 12. Alter table employee add constraint fk12 foreign key(of_id) references office(of_id);
- 13. Alter table destination add constraint fk13 foreign key(a_id) references address(a_id);
- 14. Alter table destination add constraint fk14 foreign key(c_id) references customer(c_id);