AMERICAN INTERNATIONAL UNIVERSITY BANGLADESH

Faculty of Science and Technology (FST)

CSE DEPARTMENT

INTRODUCTION TO DATABASE

Faculty: Argho Das

BLOOD BANK MANAGEMENT SYSTEM

DONATE BLOOD
SAVE LIFE

GROUP MEMBERS

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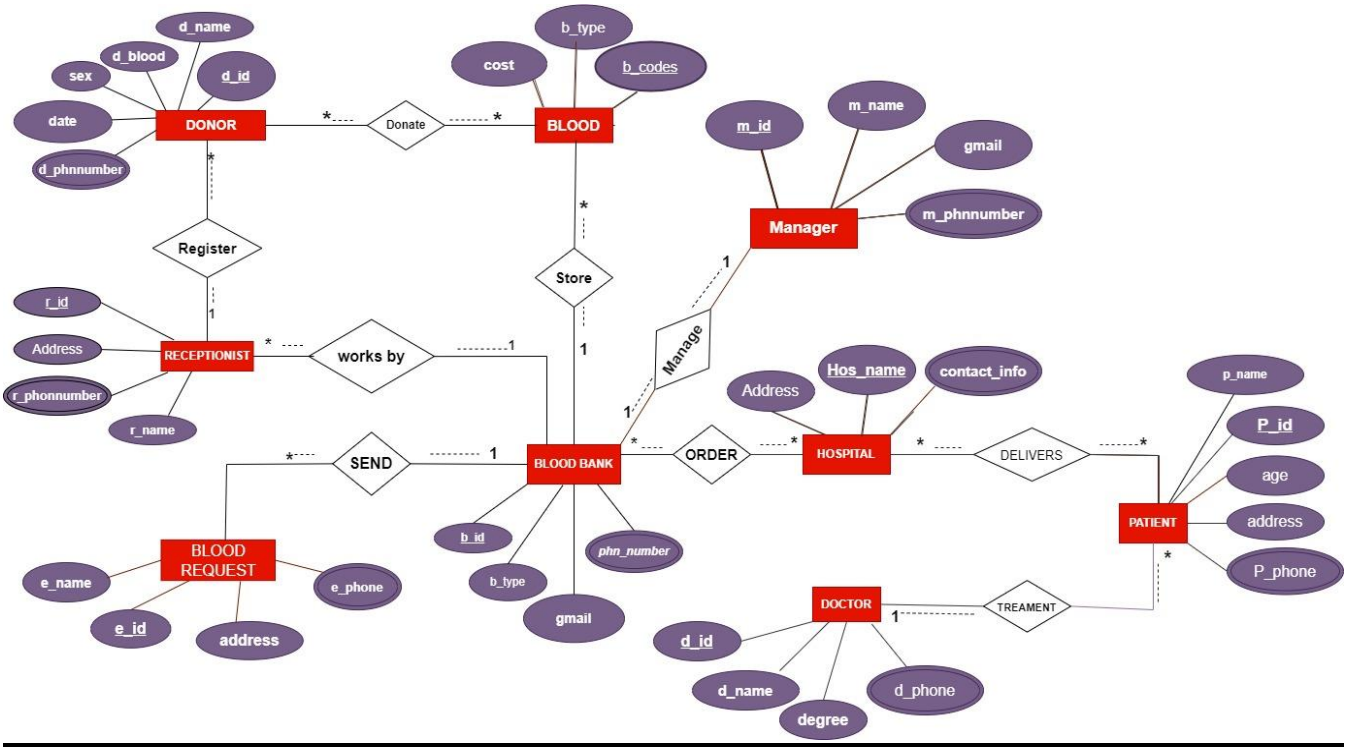
Scenario:

Blood is an important factor that is very essential in the life of very organism living on this earth. Without blood there cannot be any existence of even a small organism on this earth. Humans can't live without blood. Without blood, the body's organ couldn't get the oxygen and nutrients they need to survive. Patients will come to the doctor for treatment. The patient has own p_id, p_name, age, address, p_phone. Patient will take treatment from doctor on the other hand the doctor has also an own d_id, d_name, degree, d_phonnumber. Hospital has also addresses, Hos_name, contact_info. The hospital's doctor suggests the patient needs blood then hospital order by blood bank. 'Blood bank Management System' automates the distribution of blood. The banks then group the blood which they receive according to the blood groups. This database consists of thousands of records of each blood bank. Blood bank has a b_id, b_type, phn_number and gmail. Generally, we know that the people who donate blood are called 'Blood Donor' so some people donate blood in this blood bank. Donor donates blood through different cost, b_type, b_codes. Donors send blood request in blood bank. Blood request has also e_name,e_id, addresses, e_phone. Blood will store in blood bank. Receptionists work in the blood bank. Donor will register with receptionist. Every receptionist has their own r_id, r_name, address, r_phnnumber. Receptionists will register with the blood donor through their d_code, dates and d_blood , sex, d_name,d_phonnumber. Blood banks manages by manager. The manager has also m_name, m_id, m_phnnumber and g-mail. At last, Hospital will deliver blood to the patient. That's safe life. So, well management system is first preferred for a Blood bank.

ER-Diagram:


d_name
d_blood
sex
d_id
date
DONOR
d_phnnumber
Donate
b_type
cost
b_codes
BLOOD
m_id
m_name
gmail
m_phnnumber
Manager
Register
Store
Manage
r_id
Address
r_phonnumber
r_name
RECEPTIONIST
works by
Address
Hos_name
contact_info
HOSPITAL
p_name
P_id
age
address
P_phone
PATIENT
DELIVERS
ORDER
SEND
BLOOD BANK
BLOOD REQUEST
e_name
e_id
address
e_phone
b_id
b_type
phn_number
gmail
DOCTOR
TREAMENT
d_id
d_name
degree
d_phone

Normalize:

Treatment

UNF:

1st: P-id , p_name ,address, age, p_phone, d-id, d_name, degree,d_phone.

1NF:

1st: p-phone , d-phone ,P-id , p_name ,address, age, d-id, d_name, degree.

(p_phone ,d_phone is multipul attributes)

2NF

1st: P-id ,p_name, address, age, p_phncode .

2rd: d-id, d_name, degree, d_phncode.

3rd: : P-id, d_id.

4th: : p-phone ,p_phncode, d_phone, d_phncode,

3NF:

1st: P-id ,p_name, address, age, p_phncode .

2rd: d-id, d_name, degree,d_phncode.

3rd: : P-id, d_id.

4th: : p-phone ,p_phncode, d_phone, d_phncode,

DELIVERS :

UNF:

1st:P-id , p_name ,address, age, p_phone, Hos-name ,contact_info,Address.

1NF:

1st: p-phone , ,P-id , p_name ,address, age , Hos-name ,contact_info,Address.

(p_phone ,d_phone is multipul attributes)

2NF:

1st: P-id ,p_name, address, age, p_phncode .

2nd: Hos-name ,contact_info,Address.

3rd: P-id , Hos_name.

4th: p-phone ,p_phncode.

3NF:

1st: P-id ,p_name, address, age, p_phncode .

2nd: Hos-name ,contact_info,Address.

3rd: P-id , Hos_name.

4th: p-phone ,p_phncode.

ORDER:

UNF:

1st: Hos-name ,contact_info,Address , phn_number,b-id, b_type,gmail.

1NF:

1st: phn-number , Hos-name ,contact_info,Address ,b-id, b_type,gmail.

(phn-number is multipul attributes)

2NF:

1st: Hos-name ,contact_info,Address.

2nd: b-id ,phn_code, b_type, gmail.

3rd: b-id ,Hos_name.

4th: phn-number , phn_code.

3NF:

1st: Hos-name ,contact_info,Address.

2nd: b-id ,phn_code, b_type, gmail.

3rd: b-id ,Hos_name.

4th: phn-number , phn_code.

MANAGE :

UNF:

1st: b-id, phn_number ,b_type, gmail, m-id, m_name, m_phnnumber,gmail .

1NF:

1st: m-phnnumber, phn-number b-id, b_type, gmail, m-id, m_name, ,gmail

(m_phnnumber,phn_number is multipul attributes).

2NF:

1st: b-id, phn_code ,b_type, gmail.

2nd: m-id, m_name, m_phncode,gmail .

3rd: b-id, m_id.

4th: phn-number , phn_code ,m_phnnumber, m_phncode.

3NF:

1st: b-id, phn_code ,b_type, gmail.

2nd: m-id, m_name, m_phncode,gmail .

3rd: b-id, m_id.

4th: phn-number , phn_code ,m_phnnumber, m_phncode.

STORE :

UNF:

1st: b-id, phn_number ,b_type, gmail, b-code , b_type, cost.

1NF:

1st: phn-number , b-id ,b_type, gmail, b-code , b_type, cost.

(phn_number is multipul attributes).

2NF:

1st: b-id, phn_code ,b_type, gmail.

2nd: b-code , b_type, cost.

3rd: b-id, b_code.

4th: phn-number ,phn_code.

3NF:

1st: b-id, phn_code ,b_type, gmail.

2nd: b-code , b_type, cost.

3rd: b-id, b_code.

4th: phn-number ,phn_code.

DONATE :

UNF:

1st: d-id,d_name, d_phnnumber ,date,sex,d_blood, b-code , b_type, cost.

1NF:

1st: d-phnnumber, d-id,d_name,date,sex,d_blood, b-code , b_type, cost..

(d_phnnumber is multipul attributes).

2NF:

1st: d-id,d_name, d_phncode ,date,sex,d_blood.

2nd: b-code , b_type, cost.

3rd: d-id, b_code.

4th: d-phnnumber, d_phncode.

3NF:

1st: d-id,d_name, d_phncode ,date,sex,d_blood.

2nd: b-code , b_type, cost.

3rd: d-id, b_code.

4th: d-phnnumber, d_phncode.

REGISTER :

UNF:

1st: d-id,d_name, d_phnnumber ,date,sex,d_blood, r-id , r_name , Address,r_phonnumber.

1NF:

1st: d-phnnumber , r-phonnumber, d-id,d_name,date,sex,d_blood, r-id , r_name , Address.

(d_phnnumber, r_phnnumber is multipul attributes).

2NF:

1st: d-id,d_name, d_phncode ,date,sex,d_blood.

2nd: r-id , r_name , Address,r_phncode.

3rd: d-id, r_id.

4th: d-phnnumber , d_phncode, r_phnnumber, p_phncode.

3NF:

1st: d-id,d_name, d_phncode ,date,sex,d_blood.

2nd: r-id , r_name , Address,r_phncode.

3rd: d-id, r_id.

4th: d-phnnumber , d_phncode, r_phnnumber, p_phncode.

WORKBY :

UNF:

1st: r-id , r_name , Address,r_phonnumber , b-id , b_type , phn_number , gmail.

1NF:

1st: r-phonnumber , phn-number, r-id , r_name , Address, b-id , b_type, gmail.

(r_phnnumber,phn_number is multipul attributes).

2NF:

1st: r-id , r_name , Address,r_phncode.

2nd: b-id , b_type , phn_code , gmail.

3rd: b-id ,r_id.

4th: r-phonnumber, r_phncode ,phn_number, phn_code.

3NF:

1st: r-id , r_name , Address,r_phncode.

2nd: b-id , b_type , phn_code , gmail.

3rd: b-id ,r_id.

4th: r-phonnumber, r_phncode ,phn_number, phn_code.

SEND :

UNF:

1st: b-id , b_type , phn_number , gmail ,e-id ,e_name ,address,e_phone.

1NF:

1st: phn-number , e-phone, b-id , b_type , gmail ,e-id ,e_name ,address.

(phn_number , e_phone is multipul attributes).

2NF:

1st: b-id , b_type , phn_code , gmail.

2nd: e-id ,e_name ,address,e_phncode.

3rd: b-id , e_id.

4th: phn-number , phn_code, e_phone, e_phncode.

3NF:

1st: b-id , b_type , phn_code , gmail.

2nd: e-id ,e_name ,address,e_phncode.

3rd: b-id , e_id.

4th: phn-number , phn_code, e_phone, e_phncode.

FINAL TABLE

1st: P-id ,p_name, address, age, p_phncode, d_id - **PATIENT**

2rd: d-id, d_name, degree, d_phncode. - **DOCTOR**

3rd: p-phncode ,p_phone. **– PATIENT_INFO**

4th:d-phncode, d_phone. **– DOCTOR _INFO**

5th: Hos-name ,contact_info,Address **– HOSPITAL**

6th: P-id , Hos_name- **HOSPITAL_1**

7th: b-id ,phn_code, b_type, gmail- **BLOOD_BANK**

8th: b-id ,Hos_name- **BLOOD_BANK_1**

9th: phn-code , phn_number. - **BLOOD_INFO**

10th: b-id, phn_code ,b_type, gmail,m_id.- **BLOOD_BANK_2**

11th: m-id, m_name, m_phncode, gmail -**MANAGER**

12th: m-phncode ,m_phnnumber -**MANAGER_INFO.**

13th: b-id, phn_code ,b_type, gmail, b-code .- **BLOOD_BANK_3**

14th: b-code , b_type, cost -**BLOOD**

15th: d-id,d_name, d_phncode ,date,sex,d_blood – **DONOR**

16th: d-id, b_code. - **DONOR_1**

17th: d-phncode ,d_phnnumber – **DONOR_INFO**

18th d-id,d_name, d_phncode ,date,sex,d_blood, r_id - **DONOR_2**

19th: r-id , r_name , Address,r_phncode - **RECEPTIONIST**

20th: r-phncode ,r_phnnumber- **RECEPTIONIST_INFO**

21st: r-id , r_name , Address,r_phncode,b_id -**RECEPTIONIST_2**

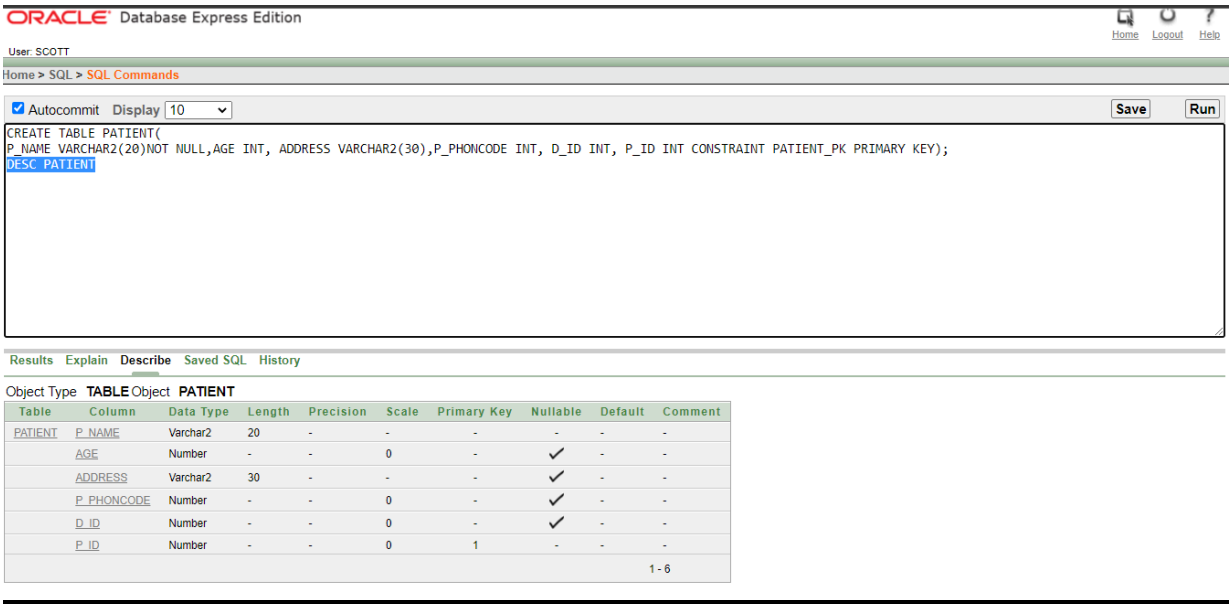
22th: e-id ,e_name ,address,e_phncode, b_id.- **BLOOD_REQUEST**

23th: e_phncode,e_phone.-**EMPLOYE_INFO**

TABLE CREATION:

1. Table 1: PATIENT

CREATE TABLE PATIENT (P_NAME VARCHAR2(20)NOT NULL,AGE INT, ADDRESS VARCHAR2(30),P_PHONCODE INT, D_ID, P_ID, INT CONSTRAINT PATIENT_PK PRIMARY KEY);



2. TABLE 2: DOCTOR

CREATE TABLE DOCTOR(
D_NAME VARCHAR2(30), DEGREE VARCHAR2 (18), D_PHONCODE NUMBER(11), D_ID INT CONSTRAINT DOCTOR_PK PRIMARY KEY);

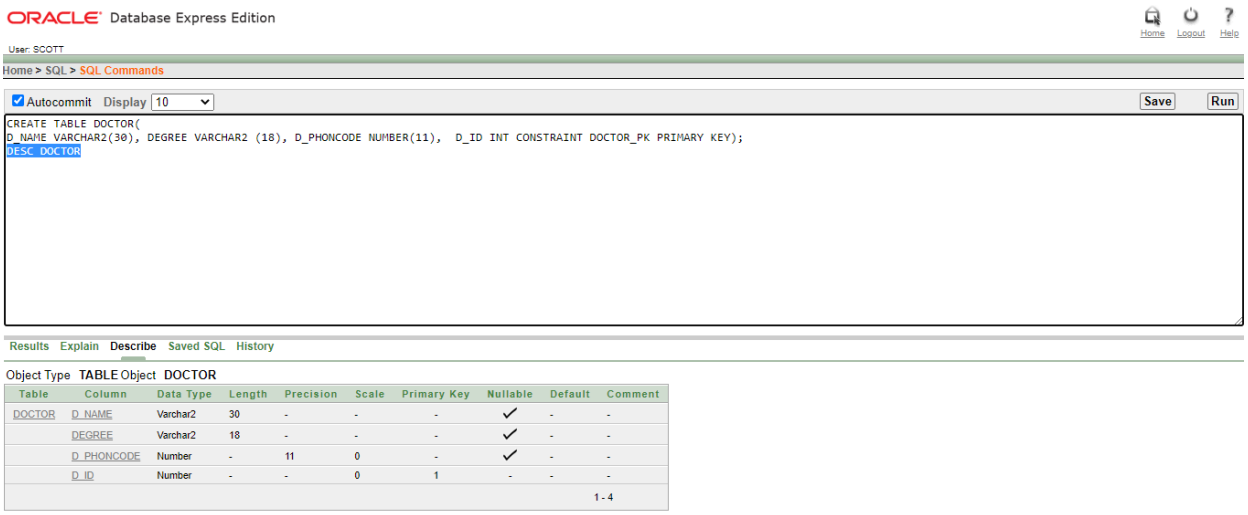


TABLE 3: PATIENT_INFO

CREATE TABLE PATIENT_INFO(
P_PHONE NUMBER (11) , P_PHNCODE NUMBER (11) CONSTRAINT PATEINT_INFO_PK PRIMARY KEY);

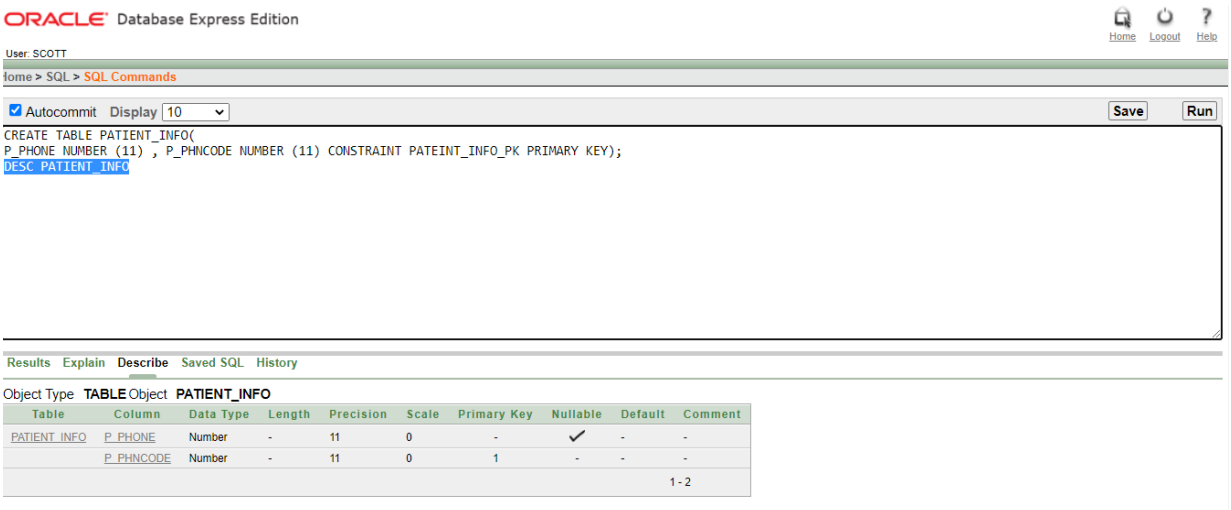


TABLE 4: DOCTOR_INFO

CREATE TABLE DOCTOR_INFO(
D_PHN NUMBER (11), D_PHNCODE NUMBER(11) CONSTRAINT
DOCTOR_INFO_PK PRIMARY KEY);

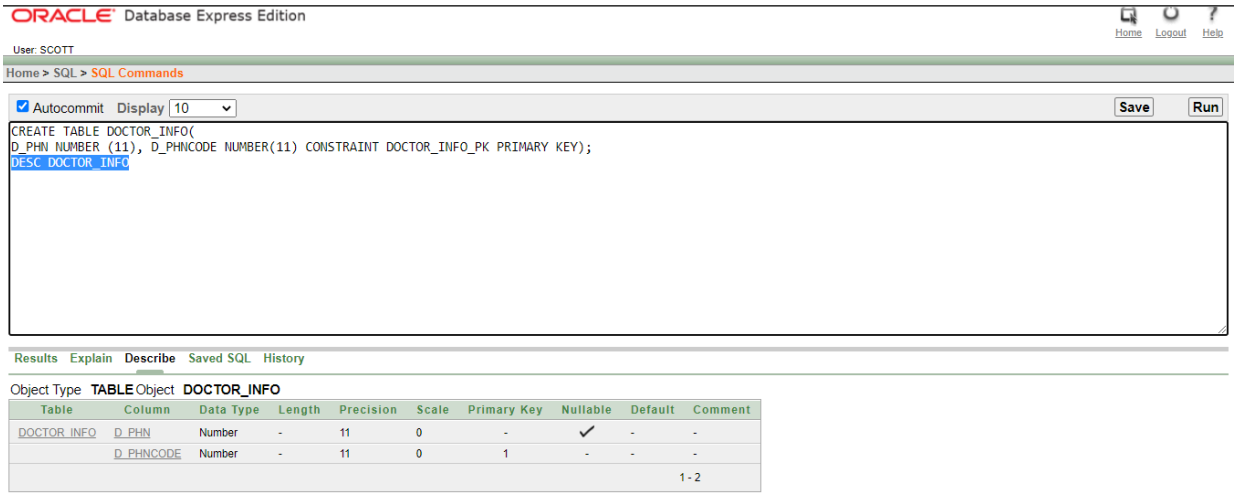


TABLE 5: HOSPITAL

CREATE TABLE HOSPITAL(
ADDRESS VARCHAR2(30), CONTACT_INFO NUMBER (11), HOS_NAME VARCHAR2(40)
CONSTRAINT HOSPITAL_PK PRIMARY KEY);

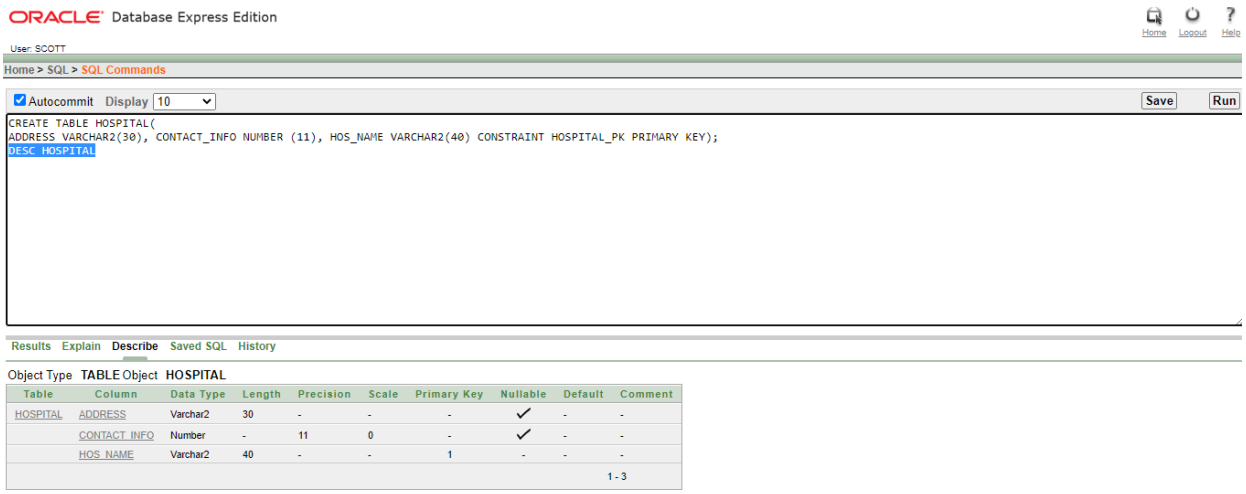


TABLE 6: HOSPITAL_1

CREATE TABLE HOSPITAL_1(

HOS_NAME VARCHAR2 (30), P_ID INT CONSTRAINT HOSPITAL_1_PK PRIMARY KEY);

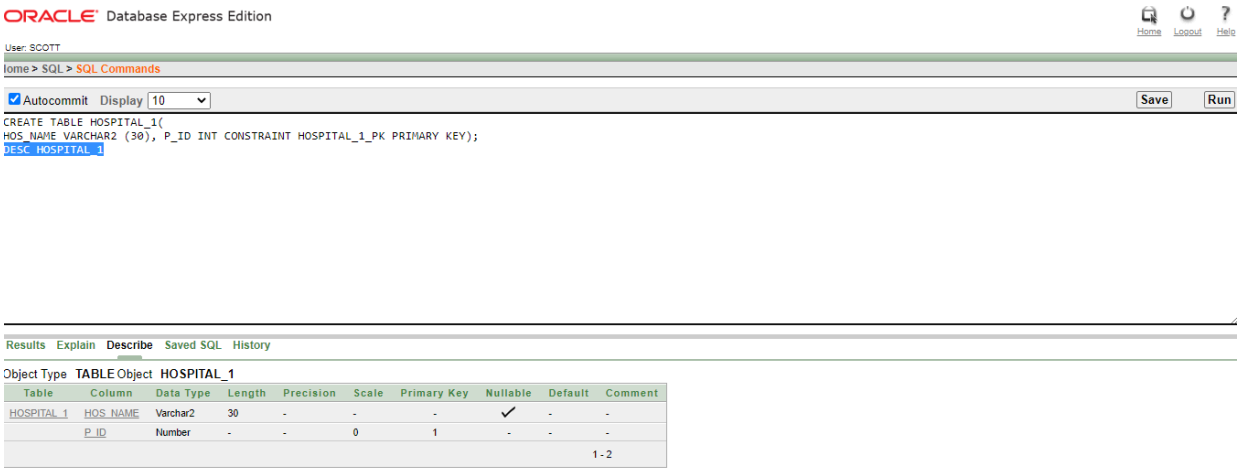


TABLE 7: BLOOD_BANK

CREATE TABLE BLOOD_BANK(

B_TYPE VARCHAR2 (3), GMAIL VARCHAR2(30), PHN_CODE NUMBER (11), B_ID INT CONSTRAINT BLODD_BANK_PK PRIMARY KEY);

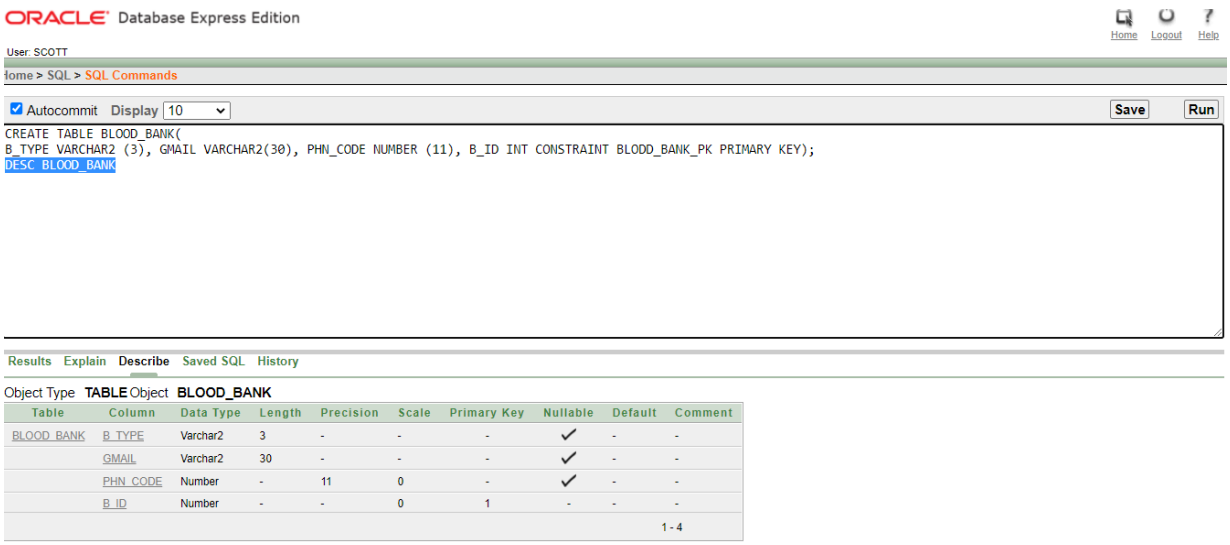


TABLE 8: BLOOD_BANK_1

CREATE TABLE BLOOD_BANK_1(

HOS_NAME VARCHAR2(20), B_ID INT CONSTRAINT BLOOD_BANK_1_PK PRIMARY KEY);

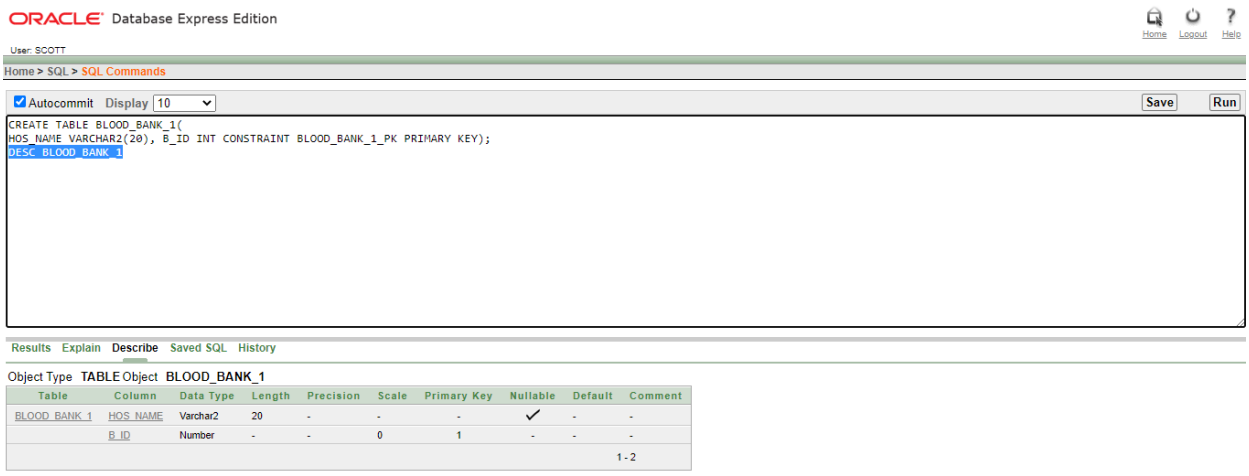


TABLE 9: BLOOD_INFO

CREATE TABLE BLOOD_INFO(

PHN_NUMBER NUMBER (11) , PHN_CODE INT CONSTRAINT BLOOD_INFO_PK PRIMARY KEY);

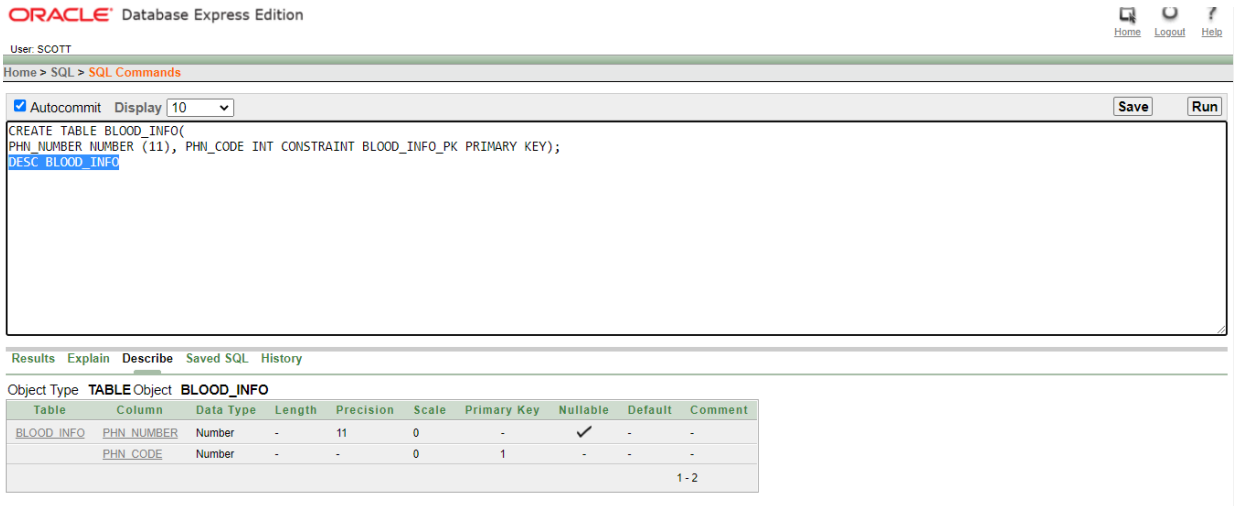


TABLE 10: BLOOD_BANK_2

CREATE TABLE BLOOD_BANK_2(

PHN_CODE NUMBER (11), B_TYPE VARCHAR2(3), GMAIL VARCHAR2(29), M_ID INT, B_ID INT CONSTRAINT BLOOD_BANK_2_PK PRIMARY KEY);

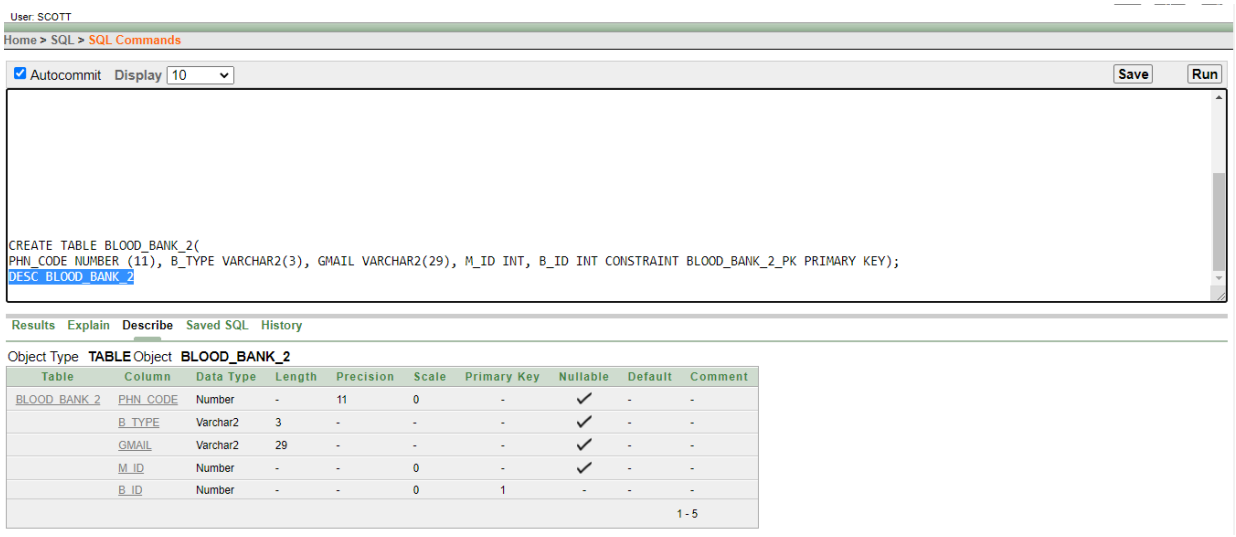


TABLE 11: MANAGER

CREATE TABLE MANAGER(

M_NAME VARCHAR2(16), GMAIL VARCHAR2(29), M_PHNCODE NUMBER (11), M_ID INT CONSTRAINT MANAGER_PK PRIMARY KEY);

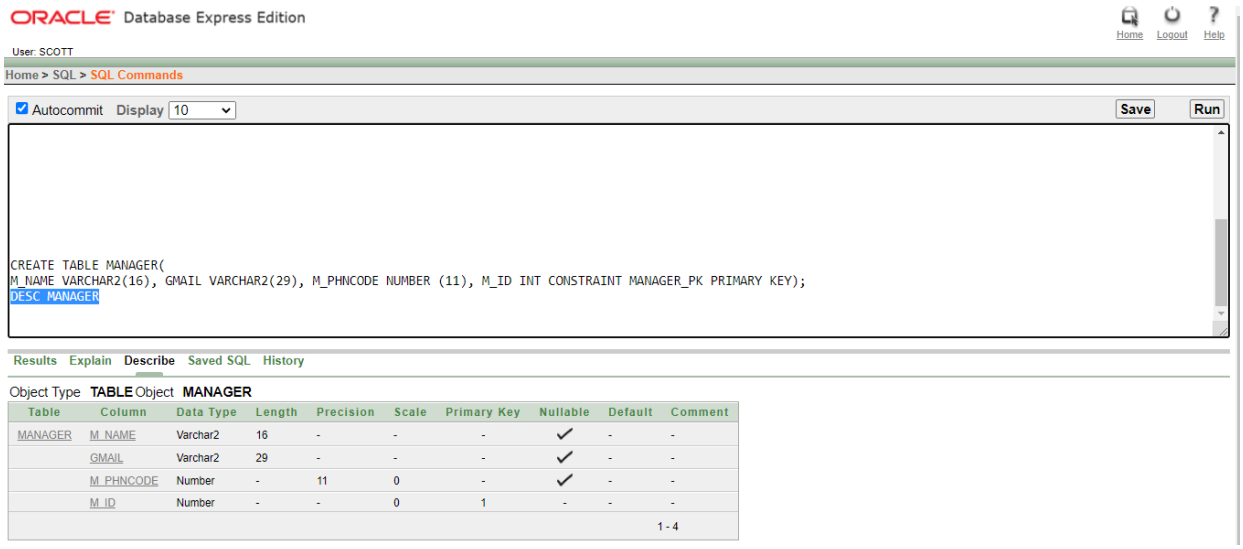


TABLE 12: MANAGER_INFO

CREATE TABLE MANAGER_INFO(

M_PHNNUMBER NUMBER (11), M_PHNCODE INT CONSTRAINT MANAGER_INFO_PK PRIMARY KEY);

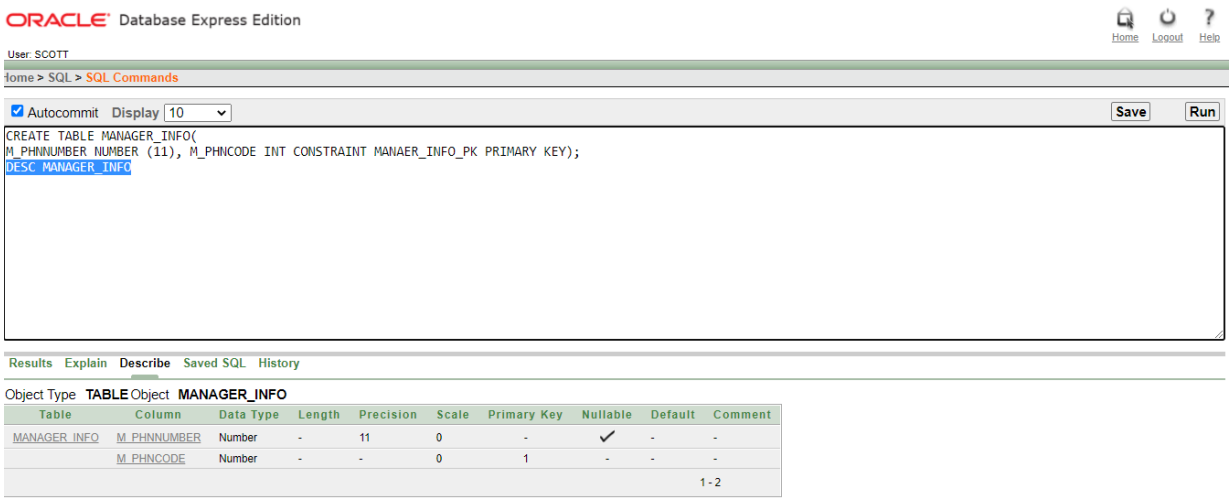


TABLE 13: BLOOD_BANK_3

CREATE TABLE BLOOD_BANK_3(

PHN_CODE NUMBER(11), B_TYPE VARCHAR2 (4), GMAIL VARCHAR2(29), B_CODE INT, B_ID INT CONSTRAINT BLOOD_BANK_3_PK PRIMARY KEY);

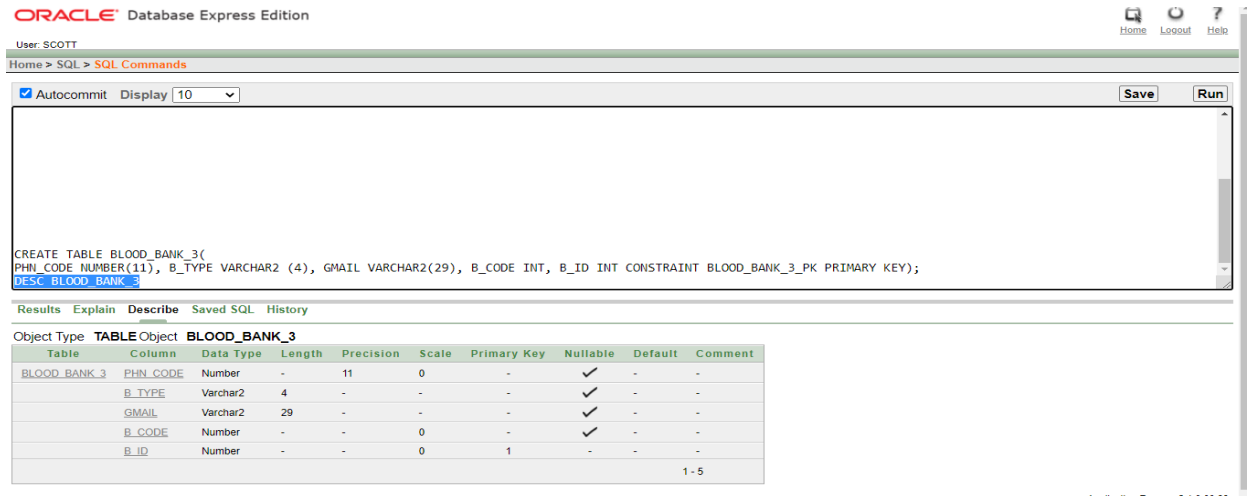


TABLE 14: BLOOD

CREATE TABLE BLOOD(

B_TYPE VARCHAR2(14), COST INT , B_CODE INT CONSTRAINT BLOOD_PK PRIMARY KEY);

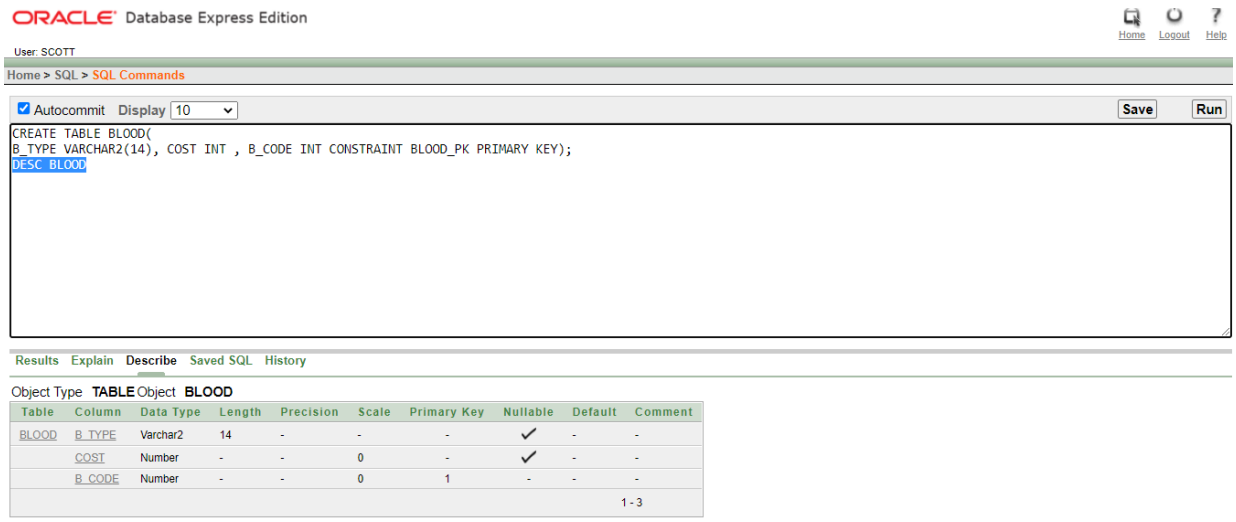


TABLE 15: DONOR

CREATE TABLE DONOR(

D_NAME VARCHAR2(16),D_BLOOD VARCHAR2(3), D_DATE VARCHAR2(13), SEX VARCHAR2(17), D_PHNCODE NUMBER(11), D_ID INT CONSTRAINT DONOR_PK PRIMARY KEY);

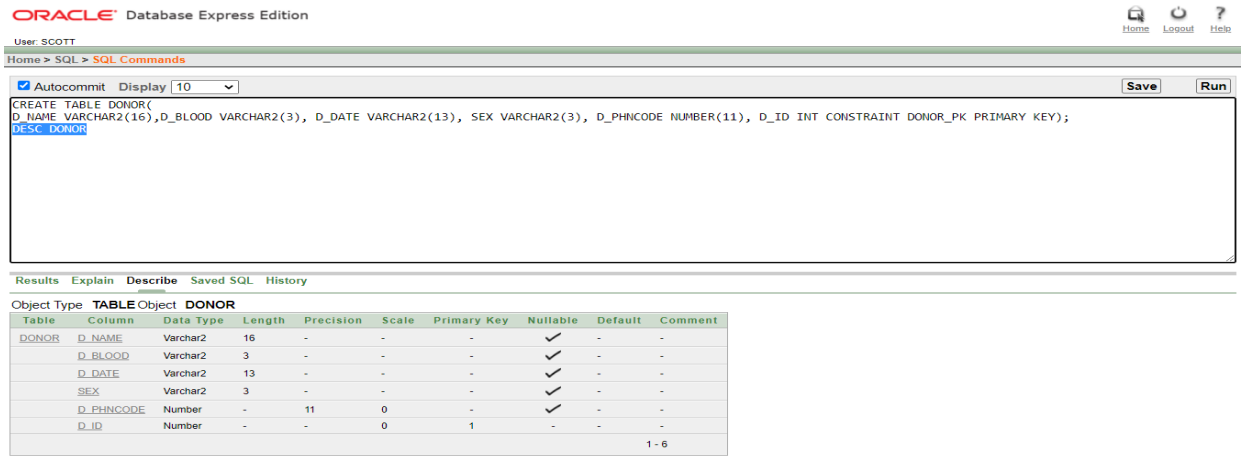


TABLE 16: DONOR_1

CREATE TABLE DONOR_1(

B_CODE INT, D_ID INT CONSTRAINT DONOR_1_PK PRIMARY KEY);

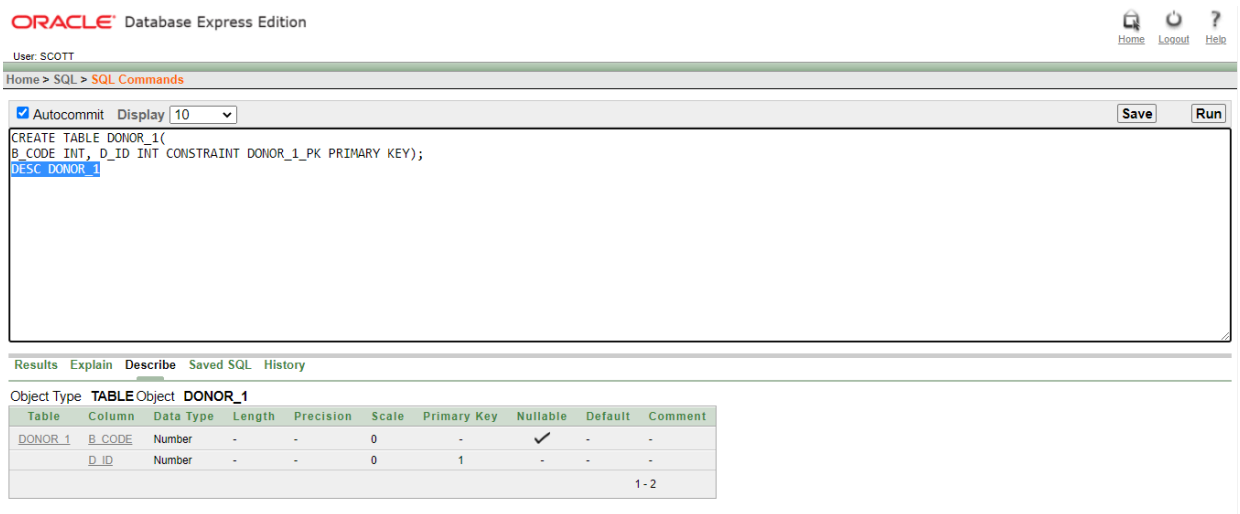


TABLE 17: DONOR_INFO

CREATE TABLE DONOR_INFO(

D_PHNNUMBER NUMBER (11) , D_PHONCODE INT CONSTRAINT DONOR_INFO_PK PRIMARY KEY);

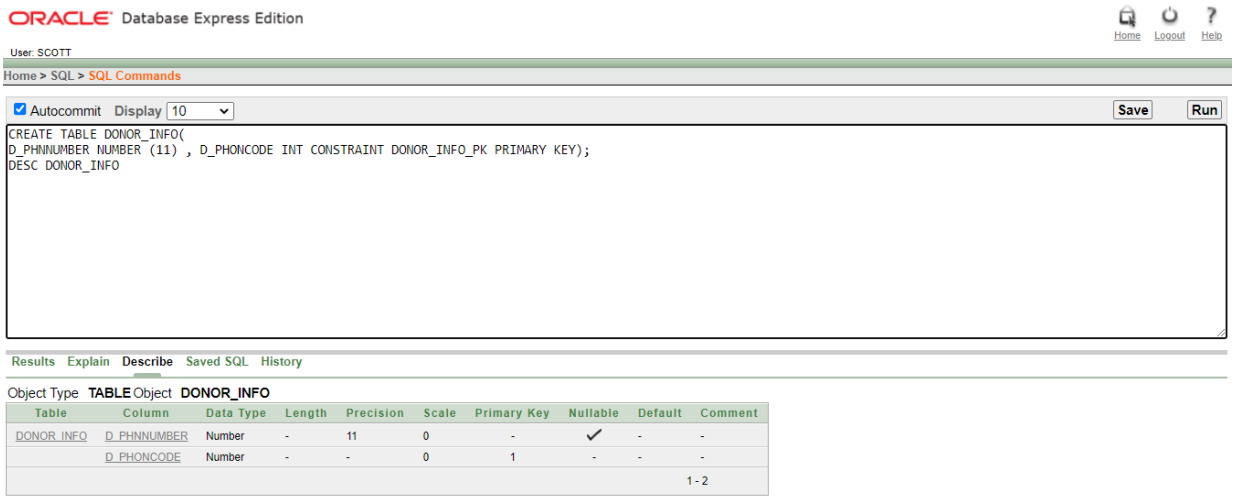


TABLE 18: DONOR_2

CREATE TABLE DONOR_2(

D_NAME VARCHAR2(14), D_PHNCODE NUMBER (11), D_DATE VARCHAR2(14), D_BLOOD VARCHAR2(3), SEX VARCHAR2(8), R_ID INT, D_ID INT CONSTRAINT DONOR_2_PK PRIMARY KEY);

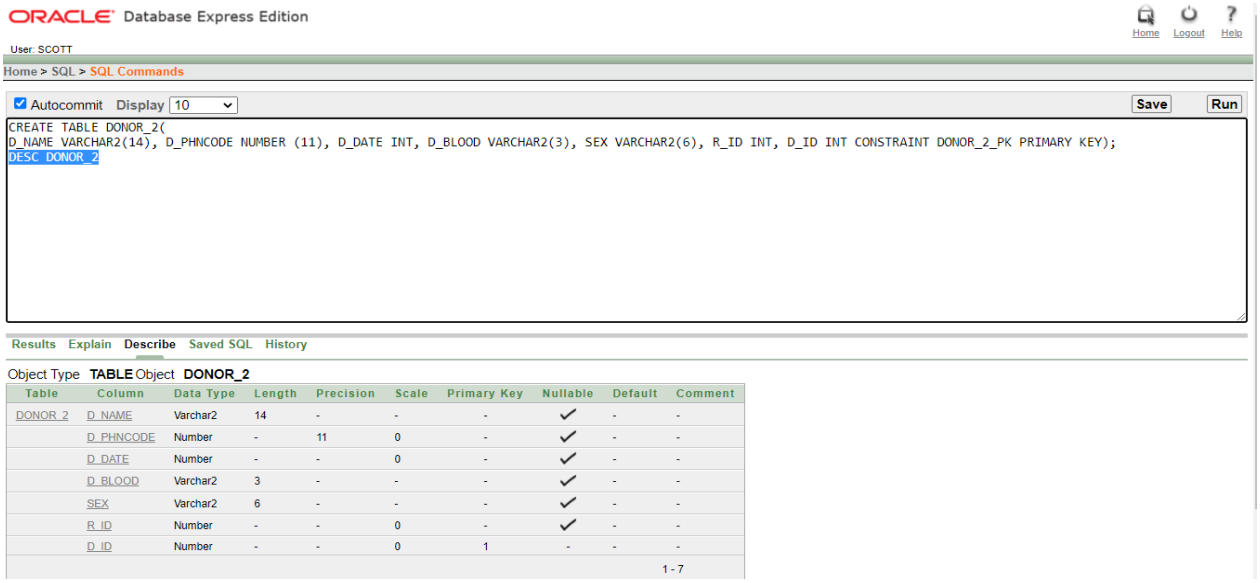


TABLE 19: RECEPTIONIST

CREATE TABLE RECEPTIONIST(

ADDRESS VARCHAR2(13), R_PHONCODE NUMBER (11), R_NAME VARCHAR2(13), R_ID INT CONSTRAINT RECEPTIONIST_PK PRIMARY KEY);

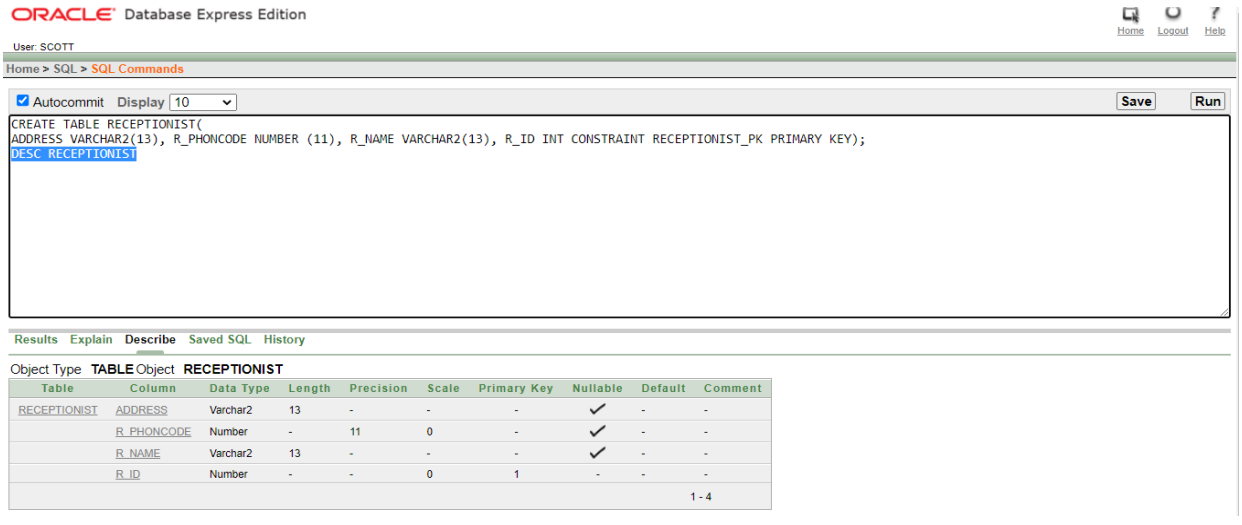


TABLE 20: RECEPTIONIST_INFO

CREATE TABLE RECEPTIONIST_INFO(

R_PHNNUMBER NUMBER (11), R_PHNCODE INT CONSTRAINT RECEPTIONIST_INFO_PK PRIMARY KEY);

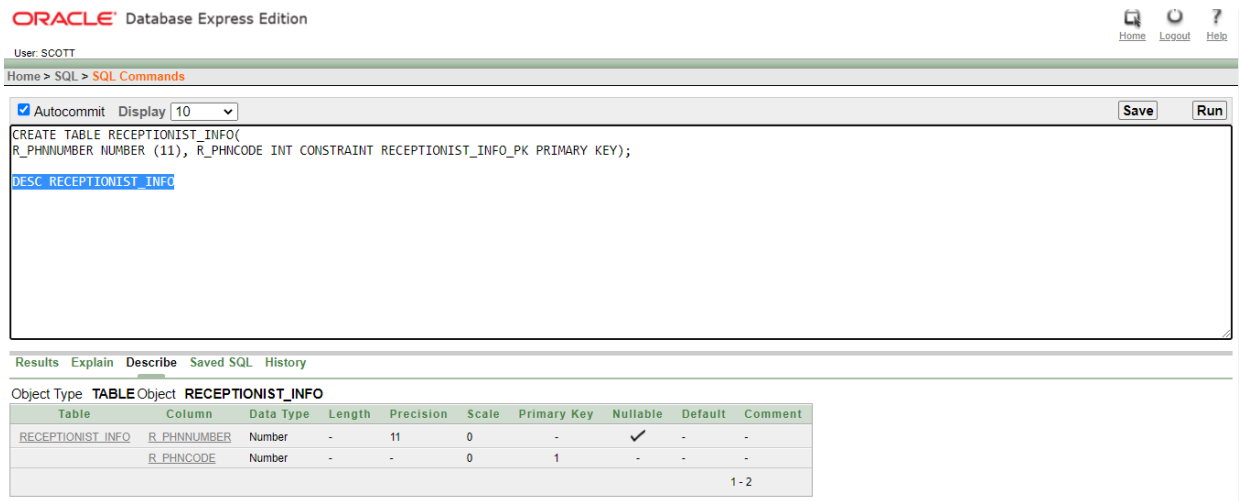


TABLE 21: RECEPTIONIST_2

CREATE TABLE RECEPTIONIST_2(

R_NAME VARCHAR2(16), ADDRESS VARCHAR2(14), R_PHNCODE INT, B_ID INT, R_ID INT CONSTRAINT RECEPTIONIST_2_PK PRIMARY KEY);

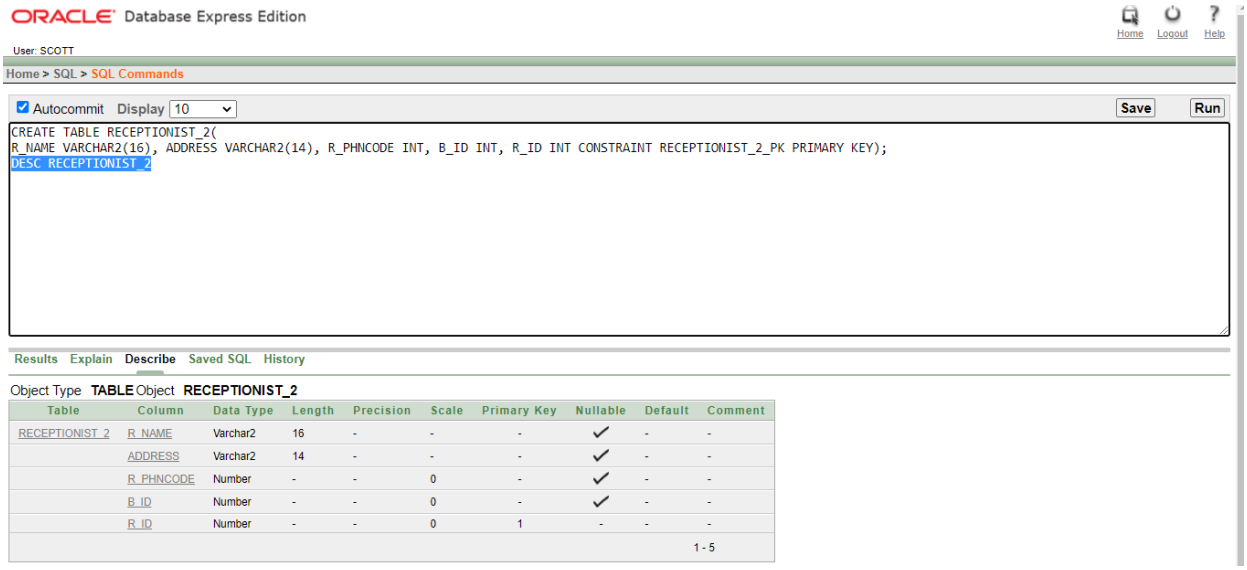


TABLE 22: BLOOD_REQUEST

CREATE TABLE BLOOD_REQUEST(

E_NAME VARCHAR2(14), ADDRESS VARCHAR2(13), E_PHONECODE INT, B_ID INT, E_ID INT CONSTRAINT BLOOD_REQUEST_PK PRIMARY KEY);

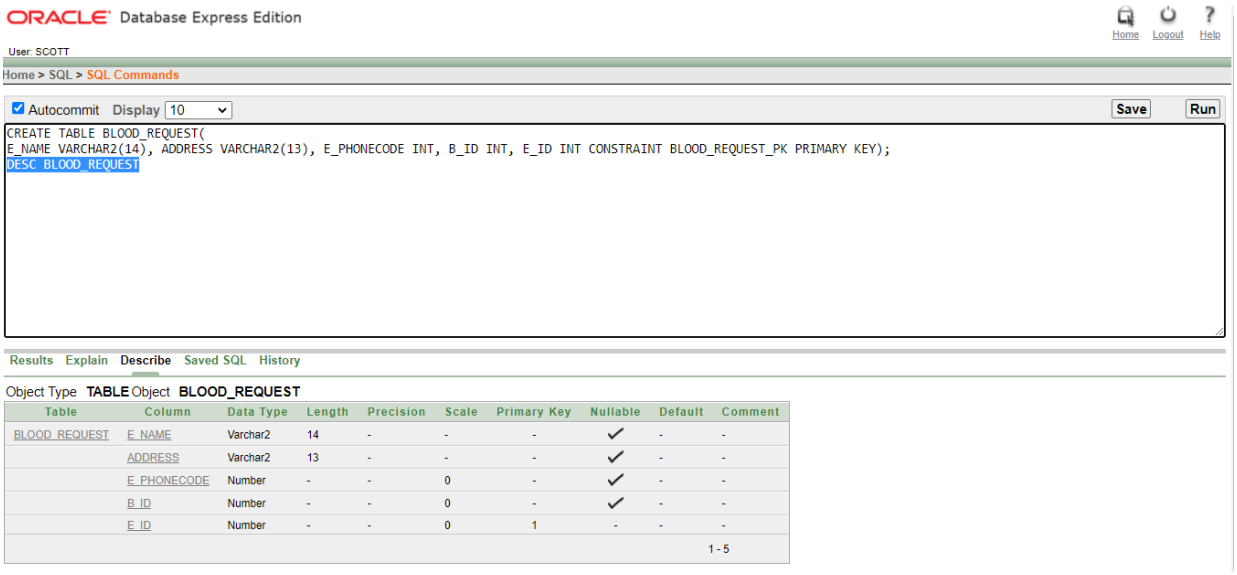
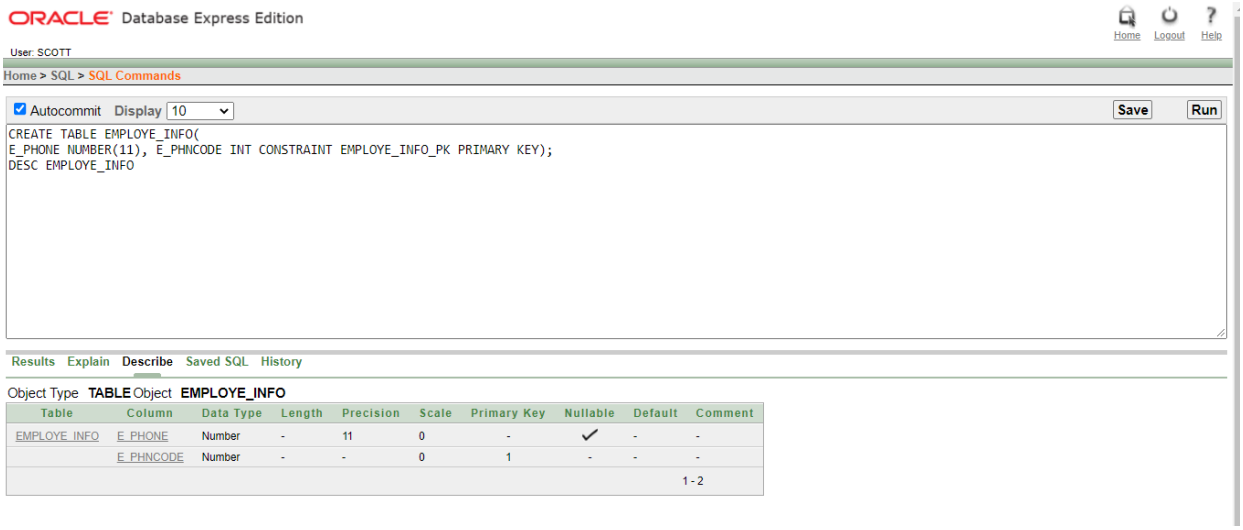


TABLE 23: EMPLOYE_INFO

CREATE TABLE EMPLOYE_INFO(

E_PHONE NUMBER(11), E_PHNCODE INT CONSTRAINT EMPLOYE_INFO_PK PRIMARY KEY);



DATA INSERTION:

FOR TABLE 1 (PATIENT) ↓

```
INSERT INTO PATIENT VALUES('MD HASAN',23,'KHILKHET',175,501,1201);
INSERT INTO PATIENT VALUES('MD ADNAN',21,'RANGPUR',178,502,1202);
INSERT INTO PATIENT VALUES('AL FARDIN',20,'PABNA',187,503,1203);
INSERT INTO PATIENT VALUES('RIMON KHAN',25,'BIRAMPUR',185,504,1204);
INSERT INTO PATIENT VALUES(' MD REJOWAN',23,'JAMALPUR',162,505,1205);
INSERT INTO PATIENT VALUES(' MD SAGOR',22,'KUMILLA',174,506,1206);
```

P_NAME	AGE	ADDRESS	P_PHONCODE	D_ID	P_ID
MD HASAN	23	KHILKHET	175	501	1201
MD ADNAN	21	RANGPUR	178	502	1202
AL FARDIN	20	PABNA	187	503	1203
RIMON KHAN	25	BIRAMPUR	185	504	1204
MD REJOWAN	23	JAMALPUR	162	505	1205
MD SAGOR	22	KUMILLA	174	506	1206

FOR TABLE 2 (DOCTOR) ↓

```
INSERT INTO DOCTOR VALUES('MD. MEHADI','MBS',0157,501);
INSERT INTO DOCTOR VALUES('MD. FARDIN','BSC',0158,502);
INSERT INTO DOCTOR VALUES('DR. IMRAN','MBS',0159,503);
INSERT INTO DOCTOR VALUES('DR.RIMON ','MSC',0152,504);
INSERT INTO DOCTOR VALUES('DR.SAMIYA','DDM',0153,505);
```

```
INSERT INTO DOCTOR VALUES('DR.BITHI ','BCS',0156,506);
```

D_NAME	DEGREE	D_PHONCODE	D_ID
MD. FARDIN	BSC	158	502
DR. IMRAN	MBS	159	503
DR.RIMON	MSC	152	504
DR.SAMIYA	DDM	153	505
DR.BITHI	BCS	156	506
MD. MEHADI	MBS	157	501

FOR TABLE 3 (PATIENT_INFO) ↓

```
INSERT INTO PATIENT_INFO VALUES(175,1750467);
INSERT INTO PATIENT_INFO VALUES(178,1785622);
INSERT INTO PATIENT_INFO VALUES(187,1878811);
INSERT INTO PATIENT_INFO VALUES(185,1856790);
INSERT INTO PATIENT_INFO VALUES(162,1642750);
INSERT INTO PATIENT_INFO VALUES(174,1745622);
```

P_PHONE	P_PHNCODE
175	1750467
178	1785622
187	1878811
185	1856790
162	1642750
174	1745622

FOR TABLE 4 (DOCTOR_INFO) ↓

```
INSERT INTO DOCTOR_INFO VALUES(157,1570467);
INSERT INTO DOCTOR_INFO VALUES(158,1585622);
INSERT INTO DOCTOR_INFO VALUES(149,1498811);
INSERT INTO DOCTOR_INFO VALUES(152,1526790);
INSERT INTO DOCTOR_INFO VALUES(153,1532750);
INSERT INTO DOCTOR_INFO VALUES(156,1562002);
```

D_PHN	D_PHNCODE
157	1570467
158	1585622
149	1498811
152	1526790
153	1532750
156	1562002

FOR TABLE 5 (HOSPITAL) ↓

```
INSERT INTO HOSPITAL VALUES('KURMITOLA',1750467,'KURMITOLA GENERAL HOSPITAL');

INSERT INTO HOSPITAL VALUES('BASHUNDHARA',1785622,'APOLLO HOSITAL');

INSERT INTO HOSPITAL VALUES('KHILKHET',1878811,'KHIDMAD HOSPITAL');

INSERT INTO HOSPITAL VALUES('MIRPUR',1856790,'SQUARE HOSPITAL');

INSERT INTO HOSPITAL VALUES('NEWMARKET',1642750,'NATIONAL HOSPITAL');

INSERT INTO HOSPITAL VALUES('SAVAR',1745622,'SAMOLI HOSPITAL');
```

ADDRESS	CONTACT_INFO	HOS_NAME
KURMITOLA	1750467	KURMITOLA GENERAL HOSPITAL
BASHUNDHARA	1785622	APOLLO HOSITAL
KHILKHET	1878811	KHIDMAD HOSPITAL
MIRPUR	1856790	SQUARE HOSPITAL
NEWMARKET	1642750	NATIONAL HOSPITAL
SAVAR	1745622	SAMOLI HOSPITAL

FOR TABLE 6 (HOSPITAL_1) ↓

```
INSERT INTO HOSPITAL_1 VALUES('KURMITOLA GENERAL HOSPITAL',175);

INSERT INTO HOSPITAL_1 VALUES('APOLLO HOSITAL',178);

INSERT INTO HOSPITAL_1 VALUES('KHIDMAD HOSPITAL',187);

INSERT INTO HOSPITAL_1 VALUES('SQUARE HOSPITAL',185);

INSERT INTO HOSPITAL_1 VALUES('NATIONAL HOSPITAL',162);

INSERT INTO HOSPITAL_1 VALUES('SAMOLI HOSPITAL',174);
```

HOS_NAME	P_ID
KURMITOLA GENERAL HOSPITAL	175
APOLLO HOSITAL	178
KHIDMAD HOSPITAL	187
SQUARE HOSPITAL	185
NATIONAL HOSPITAL	162
SAMOLI HOSPITAL	174

FOR TABLE 7 (BLOOD_BANK) ↓

```
INSERT INTO BLOOD_BANK VALUES('O+','rana@gamil.com',882,5051);
INSERT INTO BLOOD_BANK VALUES('A+','sagor@gamil.com',883,5052);
INSERT INTO BLOOD_BANK VALUES('B+','rahim@gamil.com',884,5053);
INSERT INTO BLOOD_BANK VALUES('AB+','fardin@gamil.com',885,5054);
INSERT INTO BLOOD_BANK VALUES('AB-','shihab@gamil.com',886,5055);
INSERT INTO BLOOD_BANK VALUES('O+','anik@gamil.com',887,5056);
```

B_TYPE	GMAIL	PHN_CODE	B_ID
O+	anik@gamil.com	887	5056
O+	rana@gamil.com	882	5051
A+	sagor@gamil.com	883	5052
B+	rahim@gamil.com	884	5053
AB+	fardin@gamil.com	885	5054
AB-	shihab@gamil.com	886	5055

FOR TABLE 8 (BLOOD_BANK_1) ↓

```
INSERT INTO BLOOD_BANK_1 VALUES('KURMITOLA HOSPITAL',5051);
INSERT INTO BLOOD_BANK_1 VALUES('APOLLO HOSITAL',5052);
INSERT INTO BLOOD_BANK_1 VALUES('KHIDMAD HOSPITAL',5053);
INSERT INTO BLOOD_BANK_1 VALUES('SQUARE HOSPITAL',5054);
INSERT INTO BLOOD_BANK_1 VALUES('NATIONAL HOSPITAL',5055);
INSERT INTO BLOOD_BANK_1 VALUES('SAMOLI HOSPITAL',5056);
```

HOS_NAME	B_ID
KURMITOLA HOSPITAL	5051
APOLLO HOSITAL	5052
KHIDMAD HOSPITAL	5053
SQUARE HOSPITAL	5054
NATIONAL HOSPITAL	5055
SAMOLI HOSPITAL	5056

FOR TABLE 9 (BLOOD_INFO) ↓

```
INSERT INTO BLOOD_INFO VALUES(8824659,882);

INSERT INTO BLOOD_INFO VALUES(8839566,883);

INSERT INTO BLOOD_INFO VALUES(8849598,884);

INSERT INTO BLOOD_INFO VALUES(8854669,885);

INSERT INTO BLOOD_INFO VALUES(8864659,886);

INSERT INTO BLOOD_INFO VALUES(8879659,887);
```

PHN_NUMBER	PHN_CODE
8824659	882
8839566	883
8849598	884
8854669	885
8864659	886
8879659	887

FOR TABLE 10 (BLOOD_BANK_2) ↓

```
INSERT INTO BLOOD_BANK_2 VALUES(478,'O+','rana@gamil.com',8051,5052);
INSERT INTO BLOOD_BANK_2 VALUES(477,'A+','sagor@gamil.com',8051,5051);
INSERT INTO BLOOD_BANK_2 VALUES(476,'B+','rahim@gamil.com',8051,5053);
INSERT INTO BLOOD_BANK_2 VALUES(475,'AB+','fardin@gamil.com',8051,5054);
INSERT INTO BLOOD_BANK_2 VALUES(474,'AB-','shihab@gamil.com',8051,5055);
INSERT INTO BLOOD_BANK_2 VALUES(473,'O+','anik@gamil.com',8051,5056);
```

PHN_CODE	B_TYPE	GMAIL	M_ID	B_ID
477	A+	sagor@gamil.com	8051	5051
476	B+	rahim@gamil.com	8051	5053
475	AB+	fardin@gamil.com	8051	5054
474	AB-	shihab@gamil.com	8051	5055
473	O+	anik@gamil.com	8051	5056
478	O+	rana@gamil.com	8051	5052

FOR TABLE 11 (MANAGER) ↓

```
INSERT INTO MANAGER VALUES('MEHEDI','mahidi22@gmail.com',789,8051);
```

M_NAME	GMAIL	M_PHNCODE	M_ID
MEHEDI	mahidi22@gmail.com	789	8051

FOR TABLE 12 (MANAGER_INFO) ↓

```
INSERT INTO MANAGER_INFO VALUES(789658,789);
```

M_PHNNUMBER	M_PHNCODE
789658	789

FOR TABLE 13 (BLOOD_BANK_3) ↓

```
INSERT INTO BLOOD_BANK_3 VALUES(478,'O+','rana@gamil.com',101,5052);
INSERT INTO BLOOD_BANK_3 VALUES(477,'A+','sagor@gamil.com',102,5051);
INSERT INTO BLOOD_BANK_3 VALUES(476,'B+','rahim@gamil.com',103,5053);
INSERT INTO BLOIOD_BANK_3 VALUES(475,'AB+','fardin@gamil.com',104,5054);
INSERT INTO BLOOD_BANK_3 VALUES(474'AB-','shihab@gamil.com',105,5055);
INSERT INTO BLOOD_BANK_3 VALUES(473,'O+','anik@gamil.com',106,5056);
```

PHN_CODE	B_TYPE	GMAIL	B_CODE	B_ID
478	O+	rana@gamil.com	101	5052
477	A+	sagor@gamil.com	102	5051
476	B+	rahim@gamil.com	103	5053
475	AB+	fardin@gamil.com	104	5054
474	AB-	shihab@gamil.com	105	5055
473	O+	anik@gamil.com	106	5056

FOR TABLE 14 (BLOOD) ↓

```
INSERT INTO BLOOD VALUES('O+',800, 101);
INSERT INTO BLOOD VALUES('A+',1000, 102);
INSERT INTO BLOOD VALUES('AB+',500, 103);
INSERT INTO BLOOD VALUES('AB-',850, 104);
INSERT INTO BLOOD VALUES('B+',1100, 105);
INSERT INTO BLOOD VALUES('B-',900, 106);
```

B_TYPE	COST	B_CODE
O+	800	101
A+	1000	102
AB+	500	103
AB-	850	104
B+	1100	105
B-	900	106

FOR TABLE 15 (DONOR) ↓

```
INSERT INTO DONOR VALUES( 'KORIM','O+','12-6-2022','MALE',459,601);
INSERT INTO DONOR VALUES( 'SAGOR','A+','14-6-2022','MALE',458,602);
INSERT INTO DONOR VALUES( 'SADIYA','AB+','20-6-2022','FEMALE',457,603);
INSERT INTO DONOR VALUES( 'SHIHAB','AB-','18-7-2022','MALE',456,604);
INSERT INTO DONOR VALUES( 'ABDILLA','B+','16-8-2022','MALE',455,605);
INSERT INTO DONOR VALUES( 'NOYON','B+','12-9-2022','MALE',454,606);
```

D_NAME	D_BLOOD	D_DATE	SEX	D_PHNCODE	D_ID
KORIM	O+	12-6-2022	MALE	459	601
SAGOR	A+	14-6-2022	MALE	458	602
SADIYA	AB+	20-6-2022	FEMALE	457	603
SHIHAB	AB-	18-7-2022	MALE	456	604
ABDILLA	B+	16-8-2022	MALE	455	605
NOYON	B+	12-9-2022	MALE	454	606

FOR TABLE 16 (DONOR_1) ↓

```
INSERT INTO DONOR_1 VALUES(101,601);
INSERT INTO DONOR_1 VALUES(102,602);
INSERT INTO DONOR_1 VALUES(103,603);
INSERT INTO DONOR_1 VALUES(104,604);
INSERT INTO DONOR_1 VALUES(105,605);
INSERT INTO DONOR_1 VALUES(106,606);
```

B_CODE	D_ID
101	601
102	602
103	603
104	604
105	605
106	606

FOR TABLE 17 (DONOR_INFO) ↓

```
INSERT INTO DONOR_INFO VALUES(4596856, 459);
INSERT INTO DONOR_INFO VALUES(4586952, 458);
INSERT INTO DONOR_INFO VALUES(4572681, 457);
INSERT INTO DONOR_INFO VALUES(4569231, 456);
INSERT INTO DONOR_INFO VALUES(4559646, 455);
INSERT INTO DONOR_INFO VALUES(4549281, 454);
```

D_PHNNUMBER	D_PHONCODE
4596856	459
4559646	455
4586952	458
4572681	457
4569231	456
4549281	454

FOR TABLE 18 (DONOR_2) ↓

```
INSERT INTO DONOR_2 VALUES( 'KORIM',459,'14-6-2022','O+','MALE',3001,601);
INSERT INTO DONOR_2 VALUES( 'SAGOR',458,'14-8-2022','A+','MALE',3002,602);
INSERT INTO DONOR_2 VALUES( 'SADIYA',457,'24-6-2022','AB+','MALE',3003,603);
INSERT INTO DONOR_2 VALUES( 'SHIHAB',456,'18-7-2022','AB-','MALE',3004,604);
INSERT INTO DONOR_2 VALUES( 'ABDUILLA',455,'16-8-2022','B+','MALE',3005,605);
INSERT INTO DONOR_2 VALUES( 'NOYON',454,'12-9-2022','B+','MALE',3006,606);
```

D_NAME	D_PHNCODE	D_DATE	D_BLOOD	SEX	R_ID	D_ID
KORIM	459	14-6-2022	O+	MALE	3001	601
SAGOR	458	14-8-2022	A+	MALE	3002	602
SADIYA	457	24-6-2022	AB+	MALE	3003	603
SHIHAB	456	18-7-2022	AB-	MALE	3004	604
ABDUILLA	455	16-8-2022	B+	MALE	3005	605
NOYON	454	12-9-2022	B+	MALE	3006	606

FOR TABLE 19 (RECEPTIONIST) ↓

```
INSERT INTO RECEPTIONIST VALUES('KHILKHET',398, 'MEHEDI',901);
INSERT INTO RECEPTIONIST VALUES('KURIL',397, 'RAHIN',902);
INSERT INTO RECEPTIONIST VALUES('BONANI',396, 'RUNA',903);
INSERT INTO RECEPTIONIST VALUES('MIRPUR',395, 'FARHAN',904);
INSERT INTO RECEPTIONIST VALUES('SAVAR',394, 'SAJID',905);
INSERT INTO RECEPTIONIST VALUES('TEJGONG',393, 'EMON',906);
```

ADDRESS	R_PHONCODE	R_NAME	R_ID
KHILKHET	398	MEHEDI	901
KURIL	397	RAHIN	902
BONANI	396	RUNA	903
MIRPUR	395	FARHAN	904
SAVAR	394	SAJID	905
TEJGONG	393	EMON	906

FOR TABLE 20 (RECEPTIONIST_INFO) ↓

```
INSERT INTO RECEPTIONIST_INFO VALUES(398596,398);
INSERT INTO RECEPTIONIST_INFO VALUES(397566,397);
INSERT INTO RECEPTIONIST_INFO VALUES(396596,396);
INSERT INTO RECEPTIONIST_INFO VALUES(395596,395);
INSERT INTO RECEPTIONIST_INFO VALUES(394599,394);
INSERT INTO RECEPTIONIST_INFO VALUES(393592,393);
```

R_PHNNUMBER	R_PHNCODE
396596	396
395596	395
394599	394
393592	393
398596	398
397566	397

FOR TABLE 21 (RECEPTIONIST_2) ↓

```
INSERT INTO RECEPTIONIST_2 VALUES('KHILKHET', 'MEHEDI',398,5051,901);
INSERT INTO RECEPTIONIST_2 VALUES('KURIL', 'RAHIN',397,5052,902);
INSERT INTO RECEPTIONIST_2 VALUES('BONANI', 'RUNA',396,5053,903);
INSERT INTO RECEPTIONIST_2 VALUES('MIRPUR', 'FARHAN',395,5054,904);
INSERT INTO RECEPTIONIST_2 VALUES('SAVAR', 'SAJID',394,5055,905);
INSERT INTO RECEPTIONIST_2 VALUES('TEJGONG', 'EMON',393,5056,906);
```

E_NAME	ADDRESS	E_PHONECODE	B_ID	E_ID
RAHIN	KHILKHET	997	5051	701
MSRUF	KURIL	996	5052	702
RINKU	NIKUNJO	995	5053	703
PTALU	PUTHIA	994	5054	704
SHIVA	DHAKA	993	5055	705
MANIK	MIRPUR	992	5056	706

FOR TABLE 22 (BLOOD_REQUEST) ↓

```
INSERT INTO BLOOD_REQUEST VALUES('RAHIN','KHILKHET',997,5051,701);
INSERT INTO BLOOD_REQUEST VALUES('MSRUF','KURIL',996,5052,702);
INSERT INTO BLOOD_REQUEST VALUES('RINKU','NIKUNJO',995,5053,703);
INSERT INTO BLOOD_REQUEST VALUES('PTALU','PUTHIA',994,5054,704);
INSERT INTO BLOOD_REQUEST VALUES('SHIVA','DHAKA',993,5055,705);
INSERT INTO BLOOD_REQUEST VALUES('MANIK','MIRPUR',992,5056,706);
```

E_NAME	ADDRESS	E_PHONECODE	B_ID	E_ID
PTALU	PUTHIA	994	5054	704
SHIVA	DHAKA	993	5055	705
MANIK	MIRPUR	992	5056	706
RAHIN	KHILKHET	997	5051	701
MSRUF	KURIL	996	5052	702
RINKU	NIKUNJO	995	5053	703

FOR TABLE 23 (EMPLYE_INFO) ↓

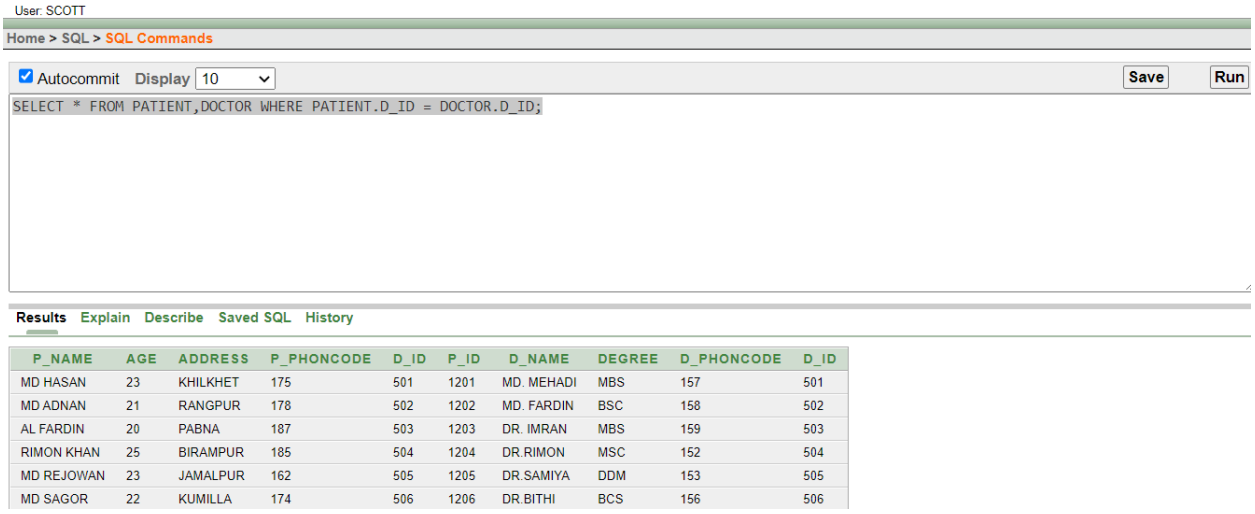
```
INSERT INTO EMPLOYE_INFO VALUES(99756988,997);
INSERT INTO EMPLOYE_INFO VALUES(99655556,996);
INSERT INTO EMPLOYE_INFO VALUES(99556954,995);
INSERT INTO EMPLOYE_INFO VALUES(99456956,994);
INSERT INTO EMPLOYE_INFO VALUES(99356956,993);
INSERT INTO EMPLOYE_INFO VALUES(99256987,992);
```

E_PHONE	E_PHNCODE
99756988	997
99655556	996
99556954	995
99456956	994
99356956	993
99256987	992

TABLE JOINNING

Equijoins:

Equijoins table between (Patient – Doctor)


User: SCOTT

Home > SQL > SQL Commands

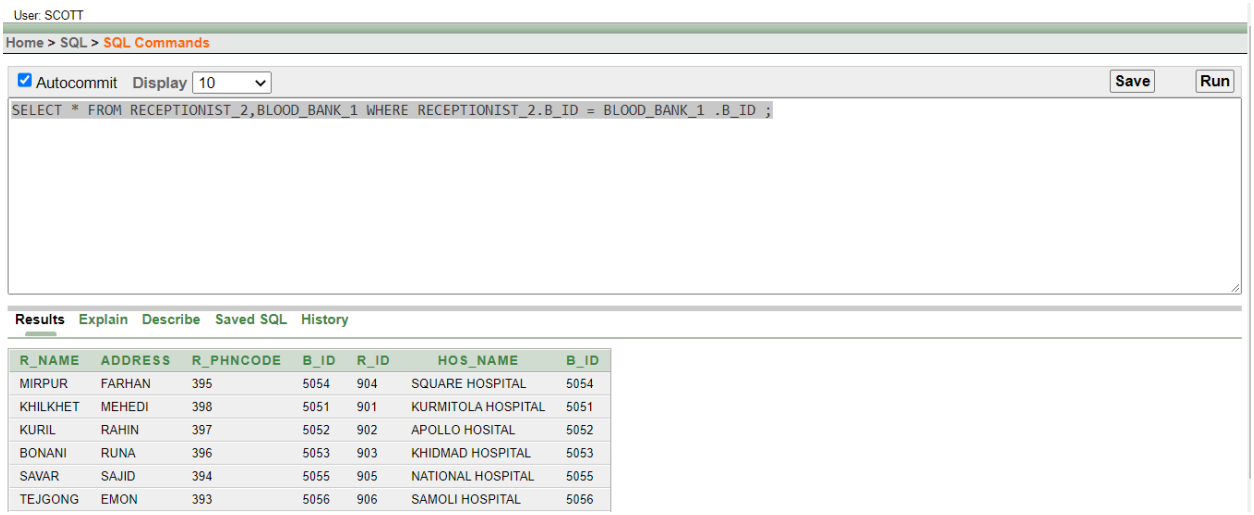
Autocommit Display 10 Save Run

```
SELECT * FROM PATIENT,DOCTOR WHERE PATIENT.D_ID = DOCTOR.D_ID;
```

Results Explain Describe Saved SQL History

P_NAME	AGE	ADDRESS	P_PHONCODE	D_ID	P_ID	D_NAME	DEGREE	D_PHONCODE	D_ID
MD HASAN	23	KHILKHET	175	501	1201	MD. MEHADI	MBS	157	501
MD ADNAN	21	RANGPUR	178	502	1202	MD. FARDIN	BSC	158	502
AL FARDIN	20	PABNA	187	503	1203	DR. IMRAN	MBS	159	503
RIMON KHAN	25	BIRAMPUR	185	504	1204	DR.RIMON	MSC	152	504
MD REJOWAN	23	JAMALPUR	162	505	1205	DR.SAMIYA	DDM	153	505
MD SAGOR	22	KUMILLA	174	506	1206	DR.BITHI	BCS	156	506

Equijoins table between (Receptionist_2 – Blood_bank_1)


User: SCOTT

Home > SQL > SQL Commands

Autocommit Display 10 Save Run

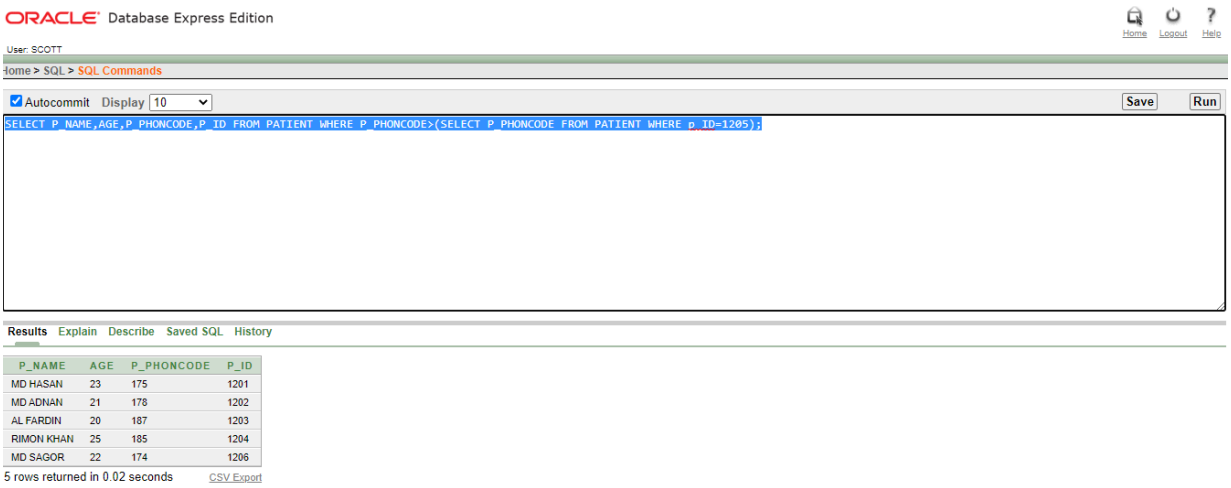
```
SELECT * FROM RECEPTIONIST_2,BLOOD_BANK_1 WHERE RECEPTIONIST_2.B_ID = BLOOD_BANK_1 .B_ID ;
```

Results Explain Describe Saved SQL History

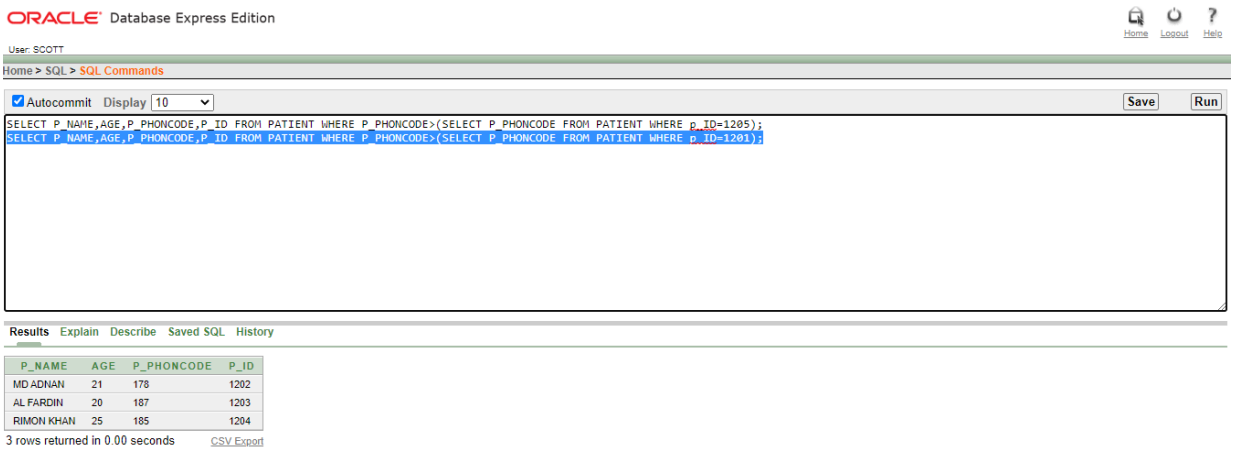
R_NAME	ADDRESS	R_PHNCODE	B_ID	R_ID	HOS_NAME	B_ID
MIRPUR	FARHAN	395	5054	904	SQUARE HOSPITAL	5054
KHILKHET	MEHEDI	398	5051	901	KURMITOLA HOSPITAL	5051
KURIL	RAHIN	397	5052	902	APOLLO HOSITAL	5052
BONANI	RUNA	396	5053	903	KHIDMAD HOSPITAL	5053
SAVAR	SAJID	394	5055	905	NATIONAL HOSPITAL	5055
TEJGONG	EMON	393	5056	906	SAMOLI HOSPITAL	5056

SUB-QUERIES

1. **SELECT P_NAME,AGE,P_PHONCODE,P_ID FROM PATIENT WHERE P_PHONCODE>(SELECT P_PHONCODE FROM PATIENT WHERE p_ID=1205);**



2. **SELECT P_NAME,AGE,P_PHONCODE,P_ID FROM PATIENT WHERE P_PHONCODE>(SELECT P_PHONCODE FROM PATIENT WHERE p_ID=1201);**

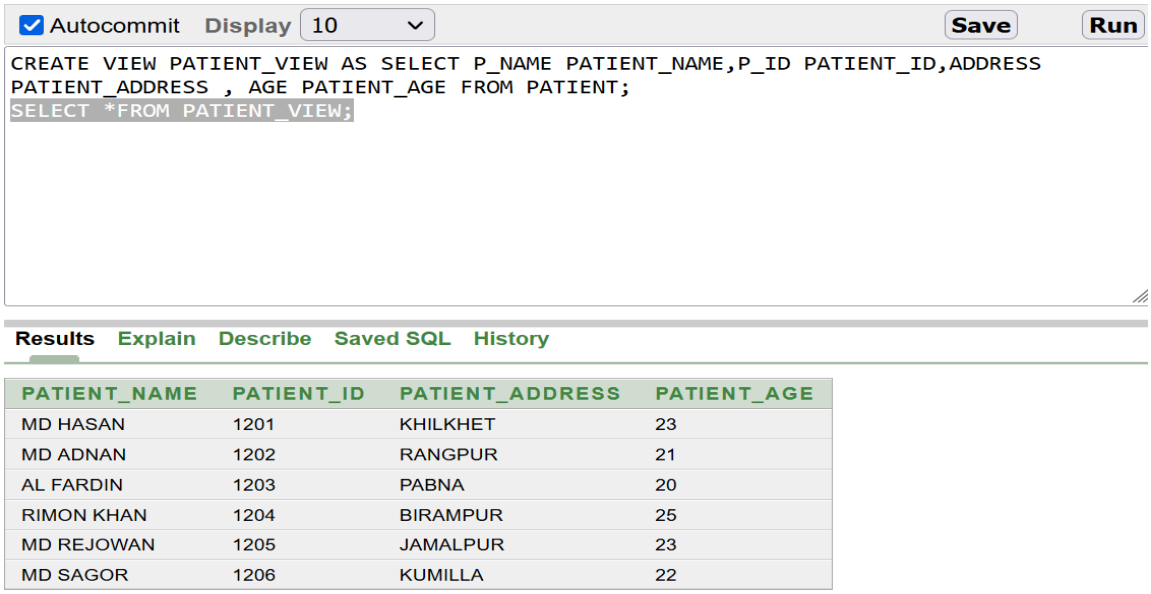


VIEWS

1. ##CREATE PATIENT VIEW AS PATIENT_VIEW .

CREATE VIEW PATIENT_VIEW AS SELECT P_NAME PATIENT_NAME,P_ID PATIENT_ID,ADDRESS PATIENT_ADDRESS , AGE PATIENT_AGE FROM PATIENT;

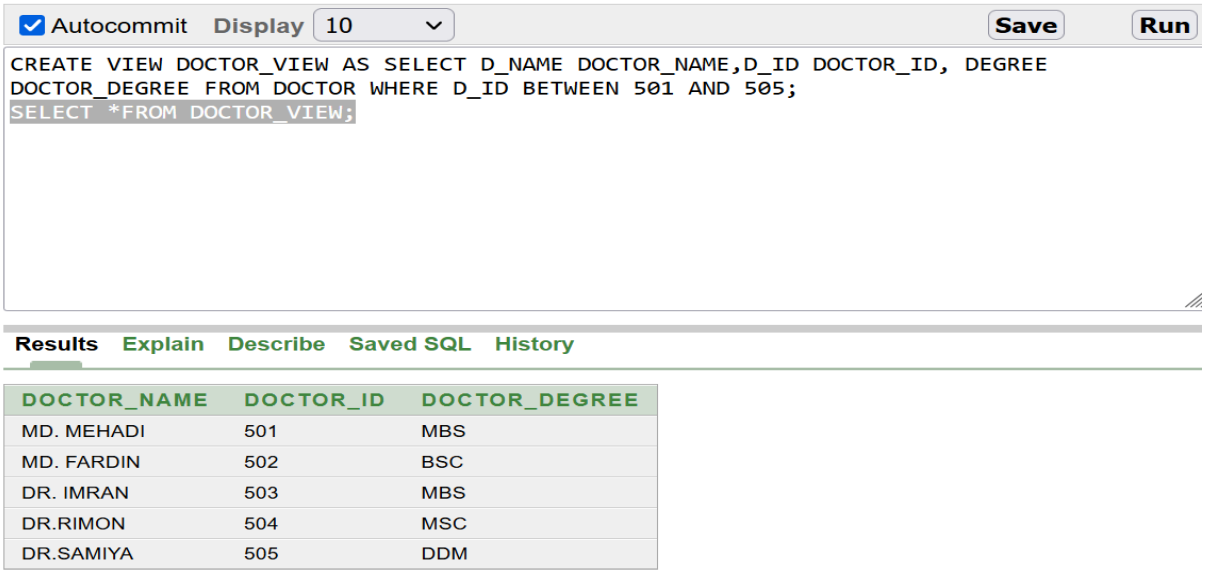
SELECT *FROM PATIENT_VIEW;



2. ##CREATE DOCTOR VIEW AS DOCTOR_VIEW

CREATE VIEW DOCTOR_VIEW AS SELECT D_NAME DOCTOR_NAME,D_ID DOCTOR_ID, DEGREE DOCTOR_DEGREE FROM DOCTOR WHERE D_ID BETWEEN 501 AND 505;

SELECT*FROM DOCTOR_VIEW



DOCTOR_NAME	DOCTOR_ID	DOCTOR_DEGREE
MD. MEHADI	501	MBS
MD. FARDIN	502	BSC
DR. IMRAN	503	MBS
DR.RIMON	504	MSC
DR.SAMIYA	505	DDM

3. ##CREATE DONOR VIEW AS DONOR_VIEW

CREATE VIEW DONOR_VIEW AS SELECT D_NAME DONOR_NAME,D_ID DONOR_ID, D_BLOOD DONAR_BLOOD FROM DONOR WHERE D_ID BETWEEN 601 AND 605;

SELECT *FROM DONOR_VIEW;

```
CREATE VIEW DONOR_VIEW AS SELECT D_NAME DONOR_NAME,D_ID DONOR_ID, D_BLOOD DONAR_BLOOD
FROM DONOR WHERE D_ID BETWEEN 601 AND 605;
SELECT *FROM DONOR_VIEW;
```

Results Explain Describe Saved SQL History

DONOR_NAME	DONOR_ID	DONAR_BLOOD
KORIM	601	O+
SAGOR	602	A+
SADIYA	603	AB+
SHIHAB	604	AB-
ABDILLA	605	B+

4. ##CREATE HOSPITAL VIEW ASS HOSPITAL_VIEW

CREATE VIEW HOSPITAL_VIEW AS SELECT HOS_NAME HOSPITAL_NAME,CONTACT_INFO HOSPITAL_CONTACTNUM, ADDRESS HOSPITAL_ADDRESS FROM HOSPITAL ;

SELECT *FROM HOSPITAL_VIEW ;

Autocommit Display 10 Save Run

```
CREATE VIEW HOSPITAL_VIEW AS SELECT HOS_NAME HOSPITAL_NAME,CONTACT_INFO HOSPITAL_CONTACTNUM,
ADDRESS HOSPITAL_ADDRESS FROM HOSPITAL ;
SELECT *FROM HOSPITAL_VIEW ;
```

Results Explain Describe Saved SQL History

HOSPITAL_NAME	HOSPITAL_CONTACTNUM	HOSPITAL_ADDRESS
KURMITOLA GENERAL HOSPITAL	1750467	KURMITOLA
APOLLO HOSITAL	1785622	BASHUNDHARA
KHIDMAD HOSPITAL	1878811	KHILKHET
SQUARE HOSPITAL	1856790	MIRPUR
NATIONAL HOSPITAL	1642750	NEWMARKET
SAMOLI HOSPITAL	1745622	SAVAR

CONSTRAINTS

TABLE NAME: BLOOD

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
BLOOD_PK	P	BLOOD	-	-	ENABLED	23-DEC-22	BLOOD_PK	-

1 - 1

TABLE NAME: BLOOD_1

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
BLOOD_1_PK	P	BLOOD_1	-	-	ENABLED	16-DEC-22	BLOOD_1_PK	-

1 - 1

TABLE NAME: BLOOD_REQUEST

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
BLOOD_REQUEST_PK	P	BLOOD_REQUEST	-	-	ENABLED	23-DEC-22	BLOOD_REQUEST_PK	-

1 - 1

TABLE NAME: BLOOD_BANK

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
BLODD_BANK_PK	P	BLOOD_BANK	-	-	ENABLED	23-DEC-22	BLODD_BANK_PK	-

1 - 1

TABLE NAME: EMPLOYEE_INFO

Table Data Indexes Model **Constraints** Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
EMPLOYE_INFO_PK	P	EMPLOYE_INFO	-	-	ENABLED	23-DEC-22	EMPLOYE_INFO_PK	-

1 - 1

TABLE NAME: HOSPITAL

Table Data Indexes Model **Constraints** Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
HOSPITAL_PK	P	HOSPITAL	-	-	ENABLED	16-DEC-22	HOSPITAL_PK	-

1 - 1

TABLE NAME: HOSPITAL_INFO

Table Data Indexes Model **Constraints** Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
HOSPITAL_INFO_PK	P	HOSPITAL_INFO	-	-	ENABLED	16-DEC-22	HOSPITAL_INFO_PK	-

1 - 1

TABLE NAME: PATIENT

Table Data Indexes Model **Constraints** Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
SYS_C004082	C	PATIENT	"P_NAME" IS NOT NULL	-	ENABLED	22-DEC-22	-	-
PATIENT_PK	P	PATIENT	-	-	ENABLED	22-DEC-22	PATIENT_PK	-

1 - 2

TABLE NAME: RECEPTIONIST

Table Data Indexes Model **Constraints** Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
RECEPTIONIST_PK	P	RECEPTIONIST	-	-	ENABLED	23-DEC-22	RECEPTIONIST_PK	-

1 - 1

TABLE NAME: RECEPTIONIST_INFO

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
RECEPTIONIST_INFO_PK	P	RECEPTIONIST_INFO	-	-	ENABLED	23-DEC-22	RECEPTIONIST_INFO_PK	-

1 - 1

TABLE NAME: DONOR

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
DONOR_PK	P	DONOR	-	-	ENABLED	23-DEC-22	DONOR_PK	-

1 - 1

TABLE NAME: DONOR_1

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
DONOR_1_PK	P	DONOR_1	-	-	ENABLED	23-DEC-22	DONOR_1_PK	-

1 - 1

TABLE NAME: DONOR_2

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
DONOR_2_PK	P	DONOR_2	-	-	ENABLED	23-DEC-22	DONOR_2_PK	-

1 - 1

TABLE NAME: DONOR_INFO

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
DONOR_INFO_PK	P	DONOR_INFO	-	-	ENABLED	23-DEC-22	DONOR_INFO_PK	-

1 - 1

TABLE NAME: MANAGER

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
MANAGER_PK	P	MANAGER	-	-	ENABLED	23-DEC-22	MANAGER_PK	-

1 - 1

TABLE NAME: MANAGER_1

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
MANAGER_1_PK	P	MANAGER_1	-	-	ENABLED	16-DEC-22	MANAGER_1_PK	-

1 - 1

TABLE NAME: MANAGER_INFO

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
MANAER_INFO_PK	P	MANAGER_INFO	-	-	ENABLED	23-DEC-22	MANAER_INFO_PK	-

1 - 1

TABLE NAME: RECEPTIONIST_1

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
RECEPTIONIST_1_PK	P	RECEPTIONIST_1	-	-	ENABLED	16-DEC-22	RECEPTIONIST_1_PK	-

1 - 1

TABLE NAME: RECEPTIONIST_2

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL

Create Drop Enable Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
RECEPTIONIST_2_PK	P	RECEPTIONIST_2	-	-	ENABLED	23-DEC-22	RECEPTIONIST_2_PK	-

1 - 1

TABLE NAME: PATIENT_INFO

Table | Data | Indexes | Model | Constraints | Grants | Statistics | UI Defaults | Triggers | Dependencies | SQL

Create | Drop | Enable | Disable

Constraint	Type	Table	Search Condition	Delete Rule	Status	Last Change	Index	Invalid
PATEINT_INFO_PK	P	PATIENT_INFO	-	-	ENABLED	23-DEC-22	PATEINT_INFO_PK	-

1 - 1

SOME QUERIES OF OUR PROJECT

1. SELECT * FROM BLOOD_BANK ;

2. SELECT P_NAME ||' '||'ID IS'||' '||P_ID AS PATIENT_ID FROM PATIENT;

3. SELECT P_NAME AS PATIENT_NAME,P_ID PATIENT_ID,AGE PATIENT_AGE FROM PATIENT;

4. SELECT D_NAME,DEGREE,D_PHONCODE,D_ID FROM DOCTOR WHERE DEGREE LIKE 'MBS';

5. SELECT D_NAME,DEGREE,D_PHONCODE,D_ID FROM DOCTOR WHERE D_ID IN (502,503,505);

6. SELECT D_NAME,DEGREE,D_PHONCODE,D_ID FROM DOCTOR WHERE D_PHONCODE = 159;

7. SELECT B_TYPE,GMAIL,PHN_CODE,B_ID FROM BLOOD_BANK WHERE B_ID BETWEEN 5052 AND 5055;

8. SELECT D_NAME,DEGREE,D_PHONCODE,D_ID FROM DOCTOR WHERE UPPER(D_NAME) = 'DR.SAMIYA';

9. SELECT PHN_CODE,B_TYPE,GMAIL,M_ID,B_ID FROM BLOOD_BANK_2 WHERE B_ID <> 5054;

10. SELECT * FROM PATIENT,DOCTOR WHERE PATIENT.D_ID = DOCTOR.D_ID;