Project Topic : Blood Donation Management System
Course Name : Introduction to database

Section : G
Group Name : PHOENIX

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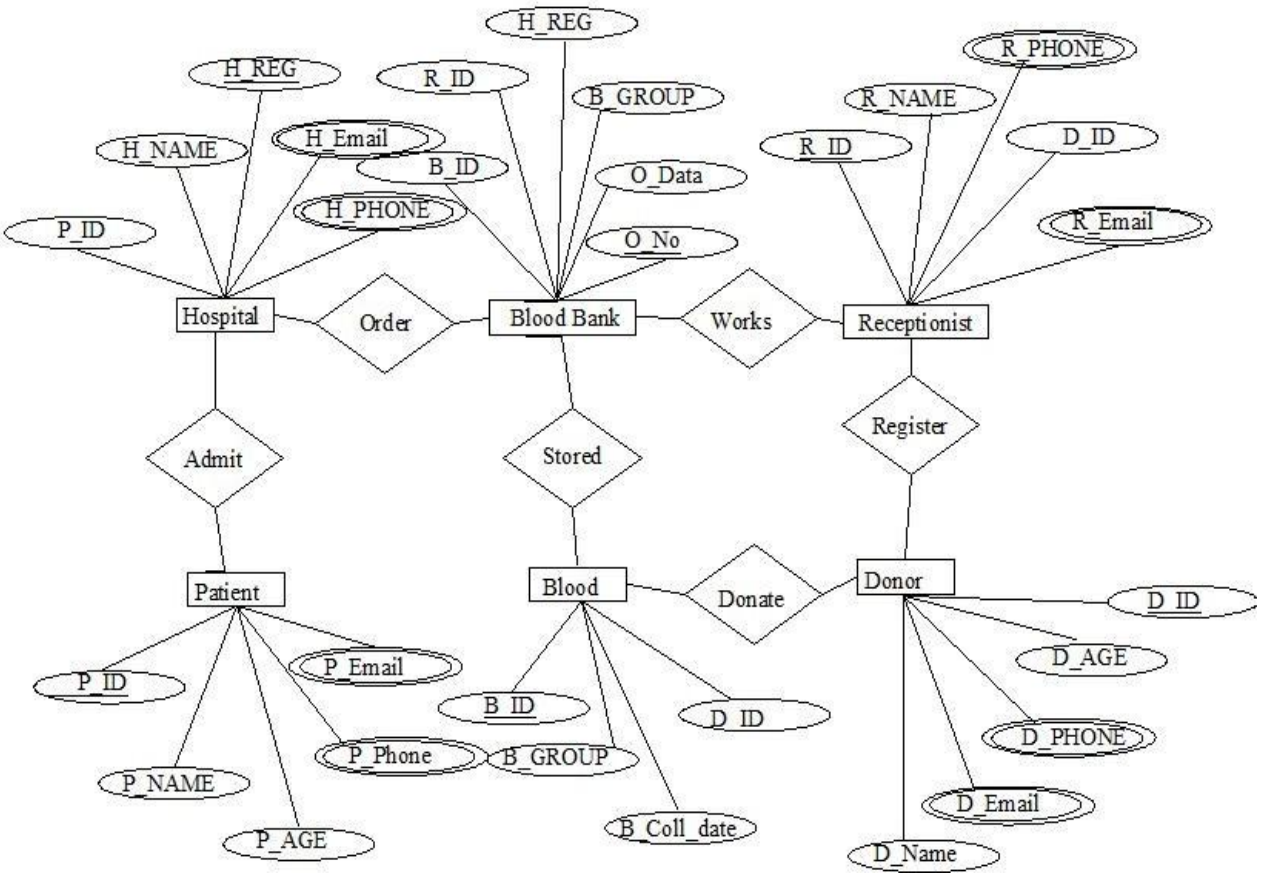
ERD Diagram



NORMALIZETION

Admit:

UNF:

Admit (P_ID, P_NAME, P_AGE, P_PHONE, P_EMAIL, H_REG, H_NAME, H_PHONE, H_EMAIL, P_ID)

1NF

P_PHONE, P_EMAIL, H_PHONE, H_EMAIL are multivalued attribute.

1. P_ID, P_NAME, P_AGE, P_PHONE, P_EMAIL, H_REG, H_NAME, H_PHONE, H_EMAIL, P_ID

2NF

1. P_ID, P_NAME, P_AGE, P_PHONE, P_EMAIL
2. H_REG, H_NAME, H_PHONE, H_EMAIL, P_ID

3NF

There is no transitive dependency. Relation already in 3NF.

1. P_ID, P_NAME, P_AGE, P_PHONE, P_EMAIL
2. H_REG, H_NAME, H_PHONE, H_EMAIL, P_ID

Table Creation:

1. P_ID, P_NAME, P_AGE, P_PHONE, P_EMAIL
2. H_REG, H_NAME, H_PHONE, H_EMAIL**, P_ID**

Order:

UNF:

Order (H_REG, H_NAME, H_PHONE, H_EMAIL, O_NO, O_DATE, B_GROUP, B_ID, H_REG)
1NF

H_PHONE, H_EMAIL are multivalued attribute.

1. H_REG, H_NAME, H_PHONE, H_EMAIL, O_NO, O_DATE, B_GROUP, B_ID, H_REG

2NF

1. H_REG, H_NAME, H_PHONE, H_EMAIL
2. O_NO, O_DATE, B_GROUP, B_ID, H_REG

3NF

There is no transitive dependency. Relation already in 3NF.

1. H_REG, H_NAME, H_PHONE, H_EMAIL
2. O_NO, O_DATE, B_GROUP, B_ID, H_REG

Table Creation:

1. H_REG, H_NAME, H_PHONE, H_EMAIL
2. O_NO, O_DATE, B_GROUP, B_ID, **H_REG**

Works:

UNF

Works (R_ID, R_NAME, R_PHONE, R_EMAIL, O_NO, O_DATE, B_GROUP, B_ID, H_REG, R_ID)
1NF

R_PHONE, R_EMAIL are multivalued attribute.

1. R_ID, R_NAME, R_PHONE, R_EMAIL, O_NO, O_DATE, B_GROUP, B_ID, H_REG, R_ID

2NF

1. R_ID, R_NAME, R_PHONE, R_EMAIL

2. O_NO, O_DATE, B_GROUP, B_ID, H_REG, R_ID

3NF

There is no transitive dependency .Relation already in 3NF

1. R_ID_NO, R_NAME, R_PHONE, R_EMAIL

2. O_NO, O_DATE, B_GROUP, B_ID, H_REG, R_ID

Table Creation:

1. R_ID, R_NAME, R_PHONE, R_EMAIL

2. O_NO, O_DATE, B_GROUP, B_ID, H_REG, **R_ID**

Register:

UNF

Register (D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL, R_ID, R_NAME, R_PHONE, R_EMAIL, D_ID)

1NF

D_PHONE, D_EMAIL, R_PHONE, R_EMAIL are multivalued attribute.

1. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL, R_ID, R_NAME, R_PHONE, R_EMAIL, D_ID

2NF

1. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL

2. R_ID, R_NAME, R_PHONE, R_EMAIL, D_ID

3NF

There is no transitive dependency. Relation already in 3NF

1. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL

2. R_ID, R_NAME, R_PHONE, R_EMAIL, D_ID

Table Creation:

1. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL

2. R_ID, R_NAME, R_PHONE, R_EMAIL, **D_ID**

Donate

UNF

Donate (D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL, B_ID, B_COLL_DATE, B_GROUP, D_ID)
1NF

D_PHONE, D_EMAIL, are multivalued attribute.

1. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL, B_ID, B_COLL_DATE, B_GROUP, D_ID.

2NF

1. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL

2. B_ID, B_COLL_DATE, B_GROUP, D_ID.

3NF

There is no transitive dependency .Relation already in 3NF

1. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL

2. B_ID, B_COLL_DATE, B_GROUP, D_ID.

Table Creation:

1. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL

2. B_ID, B_COLL_DATE, B_GROUP, **D_ID**

Stored:

UNF

Stored (B_ID, B_COLL_DATE, B_GROUP, O_NO, O_DATE, B_GROUP, B_ID, H_REG, R_ID.NO)
1NF

1. B_ID, B_COLL_DATE, B_GROUP, O_NO, O_DATE, B_GROUP, B_ID, H_REG, R_ID.

2NF

1. B_ID, B_COLL_DATE, B_GROUP
2. O_DATE, B_GROUP, B_ID, H_REG, R_ID

3NF

There is no transitive dependency. Relation already in 3NF.

1. B_ID, B_COLL_DATE, B_GROUP
2. O_DATE, B_GROUP, B_ID, H_REG, R_ID.

Table Creation:

1. B_ID, B_COLL_DATE, B_GROUP
2. O_DATE, B_GROUP, **B_ID**, H_REG, R_ID

Temporary Tables:

1. P_ID, P_NAME, P_AGE, P_PHONE, P_EMAIL
2. H_REG, H_NAME, H_PHONE, H_EMAIL**, P_ID**
3. H_REG, H_NAME, H_PHONE, H_EMAIL
4. O_NO, O_DATE, B_GROUP, B_ID, **H_REG**
5. R_ID, R_NAME, R_PHONE, R_MAIL
6. O_NO, O_DATE, B_GROUP, B_ID, H_REG, **R_ID**
7. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL
8. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL
9. R_ID, R_NAME, R_PHONE, R_EMAIL, **D_ID**
10. B_ID, B_COLL_DATE, B_GROUP,**D_ID**
11. B_ID, B_COLL_DATE, B_GROUP
12. O_DATE, B_GROUP**, B_ID**, H_REG, R_ID

Final Tables:

1. P_ID, P_NAME, P_AGE, P_PHONE, P_EMAIL
2. H_REG, H_NAME, H_PHONE, H_EMAIL**, P_ID**
3. D_ID, D_NAME, D_AGE, D_PHONE, D_EMAIL
4. R_ID, R_NAME, , R_PHONE, R_EMAIL, **D_ID**
5. B_ID, B_COLL_DATE, B_GROUP, **D_ID**
6. O_NO, O_DATE, B_GROUP, **H_REG, B_ID, R_ID**

Table Creation

1. CREATE TABLE PATIENT(P_ID NUMBER(10) CONSTRAINT PK_PATIENT PRIMARY KEY, P_NAME VARCHAR2(20), P_AGE NUMBER(3), P_PHONE NUMBER(15), P_EMAIL VARCHAR2(32));

```
Describe patient
```

Results Explain Describe Saved SQL History

Object Type TABLE Object PATIENT

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PATIENT	P_ID	Number	-	10	0	1	-	-	-
	P_NAME	Varchar2	20	-	-	-	✓	-	-
	P_AGE	Number	-	3	0	-	✓	-	-
	P_PHONE	Number	-	15	0	-	✓	-	-
	P_EMAIL	Varchar2	32	-	-	-	✓	-	-

1 - 5

2. CREATE TABLE HOSPITAL(H_REG NUMBER(15) CONSTRAINT PK_HOSPITAL PRIMARY KEY, H_NAME VARCHAR2(80), H_PHONE NUMBER(20), H_EMAIL VARCHAR2(32), P_ID NUMBER(10) CONSTRAINT FK_P_ID REFERENCES PATIENT);

```
Describe hospital
```

Results Explain Describe Saved SQL History

Object Type TABLE Object HOSPITAL

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
HOSPITAL	H_REG	Number	-	15	0	1	-	-	-
	H_NAME	Varchar2	25	-	-	-	✓	-	-
	H_PHONE	Number	-	15	0	-	✓	-	-
	H_EMAIL	Varchar2	32	-	-	-	✓	-	-
	P_ID	Number	-	10	0	-	✓	-	-

1 - 5

3. CREATE TABLE DONOR (D_ID NUMBER(8) CONSTRAINT PK_DONOR PRIMARY KEY, D_NAME VARCHAR2(20), D_AGE NUMBER(3), D_PHONE NUMBER(15), D_EMAIL VARCHAR2(32));

```
Describe donor
```

Results Explain Describe Saved SQL History

Object Type TABLE Object DONOR

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DONOR	D_ID	Number	-	8	0	1	-	-	-
	D_NAME	Varchar2	20	-	-	-	✓	-	-
	D_AGE	Number	-	3	0	-	✓	-	-
	D_PHONE	Number	-	15	0	-	✓	-	-
	D_EMAIL	Varchar2	32	-	-	-	✓	-	-

1 - 5

4. CREATE TABLE RECIPTIONIST(R_ID NUMBER(10) CONSTRAINT PK_RECIPTIONIST PRIMARY KEY, R_NAME VARCHAR2(20), D_ID NUMBER(8) CONSTRAINT FK_D_ID REFERENCES DONOR, R_PHONE NUMBER(15), R_EMAIL VARCHAR2(32));

```
Describe RECIPTIONIST
```

Results Explain Describe Saved SQL History

Object Type TABLE Object RECIPTIONIST

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
RECIPTIONIST	R_ID	Number	-	10	0	1	-	-	-
	R_NAME	Varchar2	20	-	-	-	✓	-	-
	D_ID	Number	-	8	0	-	✓	-	-
	R_PHONE	Number	-	15	0	-	✓	-	-
	R_EMAIL	Varchar2	32	-	-	-	✓	-	-

1 - 5

Language: en-us

5. CREATE TABLE BLOOD(B_ID NUMBER(10) CONSTRAINT PK_BLOOD PRIMARY KEY, B_COLL_DATE DATE, B_GROUP VARCHAR2(13),D_ID NUMBER(8));

```
describe blood
```

Results Explain Describe Saved SQL History

Object Type TABLE Object BLOOD

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
BLOOD	B_ID	Number	-	10	0	1	-	-	-
	B_COLL_DATE	Date	7	-	-	-	✓	-	-
	B_GROUP	Varchar2	13	-	-	-	✓	-	-
	D_ID	Number	-	8	0	-	✓	-	-

1 - 4

Language: en-us

6. CREATE TABLE BLOOD_BANK(O_NO NUMBER(8) CONSTRAINT PK_BLOOD_BANK PRIMARY KEY, O_DATE DATE, B_GROUP VARCHAR2(13), H_REG NUMBER(15) CONSTRAINT FK_H_REG REFERENCES HOSPITAL, B_ID NUMBER(10) CONSTRAINT FK_B_ID REFERENCES BLOOD, R_ID NUMBER(10) CONSTRAINT FK_R_ID REFERENCES RECIPTIONIST);

```
Describe blood_bank
```

Results Explain Describe Saved SQL History

Object Type TABLE Object BLOOD_BANK

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
BLOOD_BANK	O_NO	Number	-	8	0	1	-	-	-
	O_DATE	Date	7	-	-	-	✓	-	-
	B_GROUP	Varchar2	13	-	-	-	✓	-	-
	H_REG	Number	-	15	0	-	✓	-	-
	B_ID	Number	-	10	0	-	✓	-	-
	R_ID	Number	-	10	0	-	✓	-	-

1 - 6

Language: en-us

Data Insertion

Insert value in PATIENT table:

INSERT INTO PATIENT VALUES (108012, 'Maimona', 21, 01956426161, 'maimona519@gmail.com');

INSERT INTO PATIENT VALUES (102530, 'Timo', 32, 01351528976, 'tomo42952@gmail.com');

INSERT INTO PATIENT VALUES (102567, 'Momo', 26, 01731852405, 'momo2021@gmail.com');

INSERT INTO PATIENT VALUES (101988, 'Shakil', 35, 01710832838, 'shakilbfc@gmail.com');

INSERT INTO PATIENT VALUES (101912, 'Saymon', 28, 01310801256, 'saymonbfc@gmail.com');

INSERT INTO PATIENT VALUES (102624, 'Jamal', 56, 01552319480, 'jamal7788@gmail.com');

INSERT INTO PATIENT VALUES (109023, 'Rabby', 39, 01949531513, 'rabby49@gmail.com');

INSERT INTO PATIENT VALUES (101632, 'Ronny', 29, 01623057540, 'ronny2020@gmail.com');

INSERT INTO PATIENT VALUES (102423, 'Asif', 20, 01789403507, 'ajasif9895@gmail.com');

INSERT INTO PATIENT VALUES (102920, 'Ismail', 24, 01795006559, 'ismailkholifa@gmail.com');

SELECT * FROM PATIENT;

```
SELECT * FROM PATIENT;
```

Results Explain Describe Saved SQL History

P_ID	P_NAME	P_AGE	P_PHONE	P_EMAIL
108012	Maimona	21	1956426161	maimona519@gmail.com
102530	Timo	32	1351528976	tomo42952@gmail.com
102567	Momo	26	1731852405	momo2021@gmail.com
101988	Shakil	35	1710832838	shakilbfc@gmail.com
101912	Saymon	28	1310801256	saymonbfc@gmail.com
102624	Jamal	56	1552319480	jamal7788@gmail.com
109023	Rabby	39	1949531513	rabby49@gmail.com
101632	Ronny	29	1623057540	ronny2020@gmail.com
102423	Asif	20	1789403507	ajasif9895@gmail.com
102920	Ismail	24	1795006559	ismailkholifa@gmail.com

10 rows returned in 0.03 seconds CSV Export

Language: en-us

<u>Insert value in HOSPITAL table:</u>

```
INSERT INTO HOSPITAL VALUES (123589, 'United Hospital Limited ', 028836444,'info@uhlbd.com',
108012);

INSERT INTO HOSPITAL VALUES (123590, 'Apollo Hospital', 09666710678,
'infodelhi@apollohospitals.com', 102530);

INSERT INTO HOSPITAL VALUES (123591, 'Labaid Hospital', 09666710606,'info@labaidgroup.com',
102567);

INSERT INTO HOSPITAL VALUES (123592, 'Ibn Sina Hospital', 01832820950,'info@ibnsinatrust.com',
101988);

INSERT INTO HOSPITAL VALUES (123593, 'Popular Hospital',
09666787801,'info@populardiagnostic.com', 101912);

INSERT INTO HOSPITAL VALUES (123598, 'Dhaka Medical College',
01713033375,'info.dmcc@dmc.com', 102920) ;

INSERT INTO HOSPITAL VALUES (123594, 'AMZ Hospital', 01847331010,info@amzhopitalbd.com',
102624);

INSERT INTO HOSPITAL VALUES (123595, 'BSMMU Hospital', 01664695552,'info@bsmmu.com',
109023);

INSERT INTO HOSPITAL VALUES (123596, 'Euro-Bangla Hospital', 01971008009,
'info@euroheart.com', 101632);

INSERT INTO HOSPITAL VALUES (123597, 'Basundhura Hospital', 01955665552,
'info@basundura.com', 102423);

SELECT * FROM HOSPITAL;
```

```
SELECT * FROM HOSPITAL;
```

Results Explain Describe Saved SQL History

H_REG	H_NAME	H_PHONE	H_EMAIL	P_ID
123589	United Hospital Limited	28836444	info@uhlbd.com	108012
123590	Apollo Hospital	9666710678	infodelhi@apollohospitals.com	102530
123591	Labaid Hospital	9666710606	info@labaidgroup.com	102567
123592	Ibn Sina Hospital	1832820950	info@ibnsinatrust.com	101988
123593	Popular Hospital	9666787801	info@populardiagnostic.com	101912
123598	Dhaka Medical College	1713033375	info.dmcc@dmc.com	102920
123595	BSMMU Hospital	1664695552	info@bsmmu.com	109023
123596	Euro-Bangla Hospital	1971008009	info@euroheart.com	101632
123597	Basundhura Hospital	1955665552	info@basundura.com	102423
123594	AMZ Hospital	1847331010	info@amzhopitalbd.com	102624

10 rows returned in 0.00 seconds CSV Export

Language: en-us

Insert value in DONOR table:

INSERT INTO DONOR VALUES (912340, 'SUMON', 22, 01531057540,'sumon.bncd@gmail.com');

INSERT INTO DONOR VALUES (912341, 'SADIQ', 21, 01920028027,'sadiq9897@gmail.com');

INSERT INTO DONOR VALUES (912342, 'MUSFIQ', 23, 01731529480,'musfiq1999@gmail.com');

INSERT INTO DONOR VALUES (912343, 'SUMU', 29, 0173154579,'sumu9897@gmail.com');

INSERT INTO DONOR VALUES (912344, 'JIBON', 23, 01989786545,'jibonbfc@gmail.com');

INSERT INTO DONOR VALUES (912345, 'Aubdulla', 28, 01823285671,'aubdulla320@gmail.com');

INSERT INTO DONOR VALUES (912346, 'Badsha', 20, 01410077635,'badsha2020@gmail.com');

INSERT INTO DONOR VALUES (912347, 'King', 40, 01849533870,'kingkhan@gmail.com');

INSERT INTO DONOR VALUES (912348, 'Raj', 22, 01977556897,'rajjoy@gmail.com');

INSERT INTO DONOR VALUES (912349, 'HOSSEN', 23, 0193018886,'hossan@gmail.com');

SELECT * FROM DONOR;

```
SELECT * FROM DONOR;
```

Results Explain Describe Saved SQL History

D_ID	D_NAME	D_AGE	D_PHONE	D_EMAIL
912340	SUMON	22	1531057540	sumon.bncd@gmail.com
912341	SADIQ	21	1920028027	sadiq9897@gmail.com
912342	MUSFIQ	23	1731529480	musfiq1999@gmail.com
912343	SUMU	29	173154579	sumu9897@gmail.com
912344	JIBON	23	1989786545	jibonbfc@gmail.com
912345	Aubdulla	28	1823285671	aubdulla320@gmail.com
912346	Badsha	20	1410077635	badsha2020@gmail.com
912347	King	40	1849533870	kingkhan@gmail.com
912348	Raj	22	1977556897	rajjoy@gmail.com
912349	HOSSEN	23	193018886	hossan@gmail.com

10 rows returned in 0.02 seconds CSV Export

Language: en-us

Insert value in RECIPTIONIST table:

INSERT INTO RECIPTIONIST VALUES (191211, 'AKHI', 912340, 01765432897, 'akhi9898@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191212, 'RAFI', 912341, 01943444563, 'rafibfc2018@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191213, 'Eashita', 912342, 01654998999, 'eashitacomilla@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191214, 'Inty', 912343, 0197777898767, 'Inty2019@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191215, 'Joysoree', 912344, 017676755555, 'joysoree@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191216, 'Shafina', 912345, 01622225644, 'shafina@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191217, 'Amit Hassan', 912346, 01760008761, 'Amithassan@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191218, 'Shahaporan Sakib', 912347, 01968333555, 'sakib75@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191219, 'Shila', 912346, 01923084535, 'shila@gmail.com');

INSERT INTO RECIPTIONIST VALUES (191220, 'Lubna', 912349, 01321786121, 'lubna@gmail.com');

SELECT * FROM RECIPTIONIST;

```
SELECT * FROM RECIPTIONIST;
```

Results Explain Describe Saved SQL History

R_ID	R_NAME	D_ID	R_PHONE	R_EMAIL
191211	AKHI	912340	1765432897	akhi9898@gmail.com
191212	RAFI	912341	1943444563	rafibfc2018@gmail.com
191213	Eashita	912342	1654998999	eashitacomilla@gmail.com
191214	Inty	912343	197777898767	Inty2019@gmail.com
191215	Joysoree	912344	17676755555	joysoree@gmail.com
191216	Shafina	912345	1622225644	shafina@gmail.com
191217	Amit Hassan	912346	1760008761	Amithassan@gmail.com
191218	Shahaporan Sakib	912347	1968333555	sakib75@gmail.com
191219	Shila	912346	1923084535	shila@gmail.com
191220	Lubna	912349	1321786121	lubna@gmail.com

10 rows returned in 0.01 seconds CSV Export

Language: en-us

Insert value in BLOOD table:

```
INSERT INTO BLOOD VALUES (161230, to_date('22-02-2021','dd-mm-yyyy'), 'B (+)TIVE', 912340);

INSERT INTO BLOOD VALUES (161231, to_date('23-02-2021','dd-mm-yyyy'), 'A (-)TIVE'912341);

INSERT INTO BLOOD VALUES (161232, to_date('25-02-2021','dd-mm-yyyy'), 'A (+)TIVE', 912342);

INSERT INTO BLOOD VALUES (161233, to_date('26-02-2021','dd-mm-yyyy'), 'B (-)TIVE', 912343);

INSERT INTO BLOOD VALUES (161234, to_date('27-02-2021','dd-mm-yyyy'), 'B (-)TIVE', 912344);

INSERT INTO BLOOD VALUES (161235, to_date('28-02-2021','dd-mm-yyyy'), 'B (+)TIVE', '3 cells counted ok', 912345);

INSERT INTO BLOOD VALUES (161236, to_date('05-03-2021','dd-mm-yyyy'), 'O (-)TIVE', 912346);

INSERT INTO BLOOD VALUES (161237, to_date('07-03-2021','dd-mm-yyyy'), 'O (+)TIVE', 912347);

INSERT INTO BLOOD VALUES (161238, to_date('08-03-2021','dd-mm-yyyy'), 'AB (-)TIVE', 912348);

INSERT INTO BLOOD VALUES (161239, to_date('09-03-2020','dd-mm-yyyy'), 'AB (+)TIVE', 912349);

SELECT * FROM BLOOD;
```

```
SELECT * FROM BLOOD;
```

Results Explain Describe Saved SQL History

B_ID	B_COLL_DATE	B_GROUP	D_ID
161230	22-FEB-21	B (+)TIVE	912340
161231	23-FEB-21	A (-)TIVE	912341
161232	25-FEB-21	A (+)TIVE	912342
161233	26-FEB-21	B (-)TIVE	912343
161234	27-FEB-21	B (-)TIVE	912344
161235	28-FEB-21	B (+)TIVE	912345
161236	05-MAR-21	O (-)TIVE	912346
161237	07-MAR-21	O (+)TIVE	912347
161238	08-MAR-21	AB (-)TIVE	912348
161239	09-MAR-20	AB (+)TIVE	912349

10 rows returned in 0.00 seconds CSV Export

Language: en-us

Insert value in BLOOD_BANK table:

INSERT INTO BLOOD_BANK VALUES (1981, to_date('24-02-2021','dd-mm-yyyy'), 'B POSITIVE', 123589, 161235, 191211);

INSERT INTO BLOOD_BANK VALUES (1982, to_date('27-02-2021','dd-mm-yyyy'), 'A POSITIVE', 123590, 161237, 191212);

INSERT INTO BLOOD_BANK VALUES (1983, to_date('01-03-2021','dd-mm-yyyy'), 'O POSITIVE', 123591, 161236, 191213);

INSERT INTO BLOOD_BANK VALUES (1984, to_date('01-03-2021','dd-mm-yyyy'), 'B NEGATIVE', 123592, 161234, 191214);

INSERT INTO BLOOD_BANK VALUES (1985, to_date('09-03-2021','dd-mm-yyyy'), 'A NEGATIVE', 123593, 161232, 191215);

INSERT INTO BLOOD_BANK VALUES (1986, to_date('19-03-2021','dd-mm-yyyy'), 'O NEGATIVE', 123594, 161231, 191216);

INSERT INTO BLOOD_BANK VALUES (1987, to_date('22-03-2021','dd-mm-yyyy'), 'AB NEGATIVE', 123597, 161233, 191217);

INSERT INTO BLOOD_BANK VALUES (1988, to_date('25-03-2021','dd-mm-yyyy'), 'AB

POSITIVE', 123598, 161238, 191218);

INSERT INTO BLOOD_BANK VALUES (1989, to_date('28-03-2021','dd-mm-yyyy'), 'O POSITIVE', 123590, 161230, 191219);

INSERT INTO BLOOD_BANK VALUES (1990, to_date('29-03-2021','dd-mm-yyyy'), 'B NEGATIVE', 123589, 161239, 191220);

SELECT* FROM BLOOD_BANK;

```
SELECT* FROM BLOOD_BANK;
```

Results Explain Describe Saved SQL History

O_NO	O_DATE	B_GROUP	H_REG	B_ID	R_ID
1981	24-FEB-21	B POSITIVE	123589	161235	191211
1982	27-FEB-21	A POSITIVE	123590	161237	191212
1983	01-MAR-21	O POSITIVE	123591	161236	191213
1984	01-MAR-21	B NEGATIVE	123592	161234	191214
1985	09-MAR-21	A NEGATIVE	123593	161232	191215
1986	19-MAR-21	O NEGATIVE	123594	161231	191216
1987	22-MAR-21	AB NEGATIVE	123597	161233	191217
1988	25-MAR-21	AB POSITIVE	123598	161238	191218
1989	28-MAR-21	O POSITIVE	123590	161230	191219
1990	29-MAR-21	B NEGATIVE	123589	161239	191220

10 rows returned in 0.00 seconds CSV Export

Language: en-us