SQL> Create Table Donor (Donor\_Id varchar(5) not null,fName char(6),lName char(6),city char(7),state varchar(8),Zipcode number(6),TelNo number(11),Age number(3),Occupation char(9),S\_ID varchar(6),PRIMARY KEY (Donor\_ID)

2 );

Table created.

SQL> insert into Donor values ('C1569', 'Imtiaz', 'Sakib', 'Gombak', 'Selangor',53100, 0182874247,25,'Doctor', 'S1040');

1 row created.

SQL>

SQL> insert into Donor values ('C1420', 'Yang', 'Hao', 'Setapak', 'KL',54050,0185683756, 30,'Pilot', 'S1040');

1 row created.

SQL>

SQL> insert into Donor values ('C1430','Jack','Frost','Gombak', 'Selangor',53200,011567384, 40,'Writer', 'S1852');

1 row created.

SQL>

SQL>

SQL> insert into Donor values ('C1179', 'Piggy', 'Quene', 'KL', 'KL',50960,01115698346, 45,'Teacher', 'S1902');

1 row created.

SQL>

SQL>

SQL> insert into Donor values ('C2497', 'David', 'Thomas', 'Setapak', 'KL',54470,0183294618, 50,'Banker', 'S2506');

1 row created.

SQL>

SQL> Create Table Staff(S\_Id varchar(5) not null,fName char(6),lName char(6),gender char(6),DOB date,TelNo number(11),S\_type char(10),Street char(10) , City char(10),State char(10),Zipcode number(6),PRIMARY KEY (S\_Id) );

Table created.

SQL>

SQL> insert into Staff values ('S1040','John','White','Male',to\_date('01/11/1965','dd/mm/yyyy'),0184236952,'Manager','205 Lane','Setapak','KL',54470);

1 row created.

SQL>

SQL> insert into Staff values ('S2506','Ann','Beech','Female',to\_date('10/10/1980','dd/mm/yyyy'),0114521252,'Assistant','1\_Old road','Sri rampai','KL',54230);

1 row created.

SQL>

SQL> insert into Staff values ('S1525','David','Ford','Male',to\_date('24/03/1978','dd/mm/yyyy'),0185258563,'Supervisor','JLN p5','Putra Jaya','Putra Jaya',62200);

1 row created.

SQL>

SQL> insert into Staff values ('S1852','Marry','Howe','Female',to\_date('19/02/1985','dd/mm/yyyy'),0187478846,'Assistant','Semarak','Cyberjaya','Selangor',63000);

1 row created.

SQL>

SQL> insert into Staff values ('S1902','Nabil','Showki','Male',to\_date('21/08/1988','dd/mm/yyyy'),0186936321,'Supervisor','Putra Ht','SubangJaya','Selangor',40400);

1 row created.

SQL>

SQL> Create Table Payment (P\_ID varchar(8) not null,P\_system char (9),P\_date date,Amount\_no number (8),Donor\_ID varchar (8),PRIMARY KEY(P\_ID));

Table created.

SQL> insert into Payment values('P00025','Cash',to\_date('03/01/2017','dd/mm/yyyy'), 1300,'C1569');

1 row created.

SQL>

SQL> insert into Payment values('P00028','Card',to\_date('17/01/2017','dd/mm/yyyy'), 600,'C1420');

1 row created.

SQL>

SQL> insert into Payment values('P00031','Card',to\_date('14/02/2017','dd/mm/yyyy'), 300,'C1430');

1 row created.

SQL>

SQL> insert into Payment values('P00037','Card',to\_date('28/02/2017','dd/mm/yyyy'), 400,'C1179');

1 row created.

SQL>

SQL> insert into Payment values('P00041','Cash',to\_date('06/03/2017','dd/mm/yyyy'), 1500,'C2497');

1 row created.

SQL>

SQL> Create table recipient (R\_ID varchar (6) not null, fName char (6), lName char (6), City char (10), State char (10), zip number (6), Telephone\_No number (11), Age number (3),R\_Type varchar (7) ,Occupation char (10), PRIMARY KEY (R\_ID));

Table created.

SQL> Insert into recipient values('R102','Kuddus','Boyati','KL','KL',50088,0171225865,63,'Fakir','Watchman');

1 row created.

SQL>

SQL> Insert into recipient values('R103','Khan','Helal','SubangJaya','Selangor',47500,01526733,48,'Miskin','Labour');

1 row created.

SQL>

SQL> Insert into recipient values('R201','Maal','Muhith','Setapak','KL',53300,0885203455 ,39,'Garimin','Sweeper');

1 row created.

SQL>

SQL> Insert into recipient values('R205','Ahsan','Habib','Ampang','KL',55000,017122081656,53,'Riqab','Beggar');

1 row created.

SQL>

SQL> Insert into recipient values('R309','Mitila','Mujib','Setia Alam','ShahAlam',25000,01521428011,27,'Miskin','Unemployed');

1 row created.

SQL>

SQL> Insert into recipient values('R405','Naila','Nayem','WangsaMaju','KL',54820,01623019070,32,'Fakir','Plumber');

1 row created.

SQL>

SQL>

SQL> insert into donor values('C2991', 'Amad', 'solem','KL','KL',63000, 0189541292,69,'Actor','S1040');

1 row created.

SQL> select \* from donor;

DONOR FNAME LNAME CITY STATE ZIPCODE TELNO AGE OCCUPATION

----- ------ ------ ------- -------- ---------- ---------- ---------- ----------

S\_ID

------

C1569 Imtiaz Sakib Gombak Selangor 53100 182874247 25 Doctor

S1040

C1420 Yang Hao Setapak KL 54050 185683756 30 Pilot

S1040

C1430 Jack Frost Gombak Selangor 53200 11567384 40 Writer

S1852

DONOR FNAME LNAME CITY STATE ZIPCODE TELNO AGE OCCUPATION

----- ------ ------ ------- -------- ---------- ---------- ---------- ----------

S\_ID

------

C1179 Piggy Quene KL KL 50960 1115698346 45 Teacher

S1902

C2497 David Thomas Setapak KL 54470 183294618 50 Banker

S2506

C2991 Amad solem KL KL 63000 189541292 69 Actor

S1040

6 rows selected.

SQL> update payment set amount\_no = 1400 where P\_ID = 'P00025';

1 row updated.

SQL> select \* from payment ;

P\_ID P\_SYSTEM P\_DATE AMOUNT\_NO DONOR\_ID

-------- --------- --------- ---------- --------

P00025 Cash 03-JAN-17 1400 C1569

P00028 Card 17-JAN-17 600 C1420

P00031 Card 14-FEB-17 300 C1430

P00037 Card 28-FEB-17 400 C1179

P00041 Cash 06-MAR-17 1500 C2497

SQL> delete from Payment where p\_Id = 'P00025';

1 row deleted.

SQL> select \* from payment ;

P\_ID P\_SYSTEM P\_DATE AMOUNT\_NO DONOR\_ID

-------- --------- --------- ---------- --------

P00028 Card 17-JAN-17 600 C1420

P00031 Card 14-FEB-17 300 C1430

P00037 Card 28-FEB-17 400 C1179

P00041 Cash 06-MAR-17 1500 C2497

SQL> insert into payment values('P10025', `Cash',to\_date('03/01/2016', 'dd/mm/yyyy'), 700, 'C2991');

ERROR:

ORA-01756: quoted string not properly terminated

SQL> insert into payment values('P10025', 'Cash ',to\_date('03/01/2016', 'dd/mm/yyyy'), 700, 'C2991');

1 row created.

SQL> select \* from payment ;'

2 select \* from payment ;

ERROR:

ORA-01756: quoted string not properly terminated

SQL> select \* from payment ;

P\_ID P\_SYSTEM P\_DATE AMOUNT\_NO DONOR\_ID

-------- --------- --------- ---------- --------

P00028 Card 17-JAN-17 600 C1420

P00031 Card 14-FEB-17 300 C1430

P00037 Card 28-FEB-17 400 C1179

P00041 Cash 06-MAR-17 1500 C2497

P10025 Cash 03-JAN-16 700 C2991

SQL> Select d.donor\_ID, d.fName , d.lName, p.P\_ID, p.P\_date

2 From donor d , payment p

3 Where d.Donor\_ID = p.Donor\_ID and p.amount\_No>600

4 Order by p.P\_date;

DONOR FNAME LNAME P\_ID P\_DATE

----- ------ ------ -------- ---------

C2991 Amad Solem P10025 03-JAN-16

C2497 David Thomas P00041 06-MAR-17

SQL> select s.S\_ID , s.fname , s.lName , d.Donor\_ID

2 From staff s , donor d

3 Where s.S\_ID=d.S\_ID and s.S\_ID='S1902' ;

S\_ID FNAME LNAME DONOR

----- ------ ------ -----

S1902 Nabil Showki C1179

SQL> Select d.donor\_ID , d.fName , s.S\_ID, s.fName

2 From donor d , staff s

3 Where d.S\_ID = s.S\_ID and s.state= 'KL' and d.state='KL' ;

DONOR FNAME S\_ID FNAME

----- ------ ----- ------

C1420 Yang S1040 John

C2497 David S2506 Ann

C2991 Amad S1040 John

SQL> Select p.P\_ID, d.donor\_ID ,d.fName ,p.P\_System,p.Amount\_no

2 From donor d , payment p

3 Where d.Donor\_ID=p.Donor\_ID and p.P\_Date>'01-Feb-2017' order by d.donor\_ID;

P\_ID DONOR FNAME P\_SYSTEM AMOUNT\_NO

-------- ----- ------ --------- ----------

P00037 C1179 Piggy Card 400

P00031 C1430 Jack Card 300

P00041 C2497 David Cash 1500

SQL> select donor\_ID,fName , lName , occupation , age

2 from donor

3 where fName like 'D%';

DONOR FNAME LNAME OCCUPATIO AGE

----- ------ ------ --------- ----------

C2497 David Thomas Banker 50

SQL> Select R\_Type, count(R\_ID) as No\_Of\_Recipient

2 From recipient

3 Group by R\_Type;

R\_TYPE NO\_OF\_RECIPIENT

------- ---------------

Miskin 2

Fakir 2

Garimin 1

Riqab 1

SQL> Select COUNT(\*)AS total\_donor

2 FROM payment

3 Where amount\_no >350;

TOTAL\_DONOR

-----------

4

SQL> Select MAX(Amount\_no)AS Highest\_Amount

2 FROM payment;

HIGHEST\_AMOUNT

--------------

1500

SQL> select s.S\_Id, concat(s.fName, s.lName) as Name, count(d.donor\_Id)

2 from staff s, donor d

3 where s.S\_Id = d.S\_ID

4 group by s.S\_Id, s.fName, s.lName

5 having count(d.donor\_ID) > 1;

S\_ID NAME COUNT(D.DONOR\_ID)

----- ------------ -----------------

S1040 John White 3

SQL> Select fName , lName , occupation , age

2 From donor

3 Where Donor\_ID > some (select Donor\_ID from payment where Amount\_No='600');

FNAME LNAME OCCUPATIO AGE

------ ------ --------- ----------

Imtiaz Sakib Doctor 25

Jack Frost Writer 40

David Thomas Banker 50

Amad solem Actor 69

SQL> spool off;