create table Login(

login\_id varchar(10) NOT NULL,

password varchar(20),

account\_type varchar(10),

PRIMARY KEY (login\_id));

insert into Login values(2001,'raju','farmer');

insert into Login values(2002,'ravi','farmer');

insert into Login values(2003,'rajesh','farmer');

insert into Login values(2004,'ramesh','farmer');

insert into Login values(2005,'rahul','farmer');

insert into Login values(2006,'rakesh','farmer');

insert into Login values(2007,'nanda','farmer');

insert into Login values(2008,'badri','farmer');

insert into Login values(2009,'bunny','farmer');

insert into Login values(2010,'ragava','farmer');

insert into Login values(3001,'balanagar','society');

insert into Login values(3002,'gandinagar','society');

insert into Login values(3003,'madhapur','society');

insert into Login values(3004,'palvancha','society');

insert into Login values(3005,'nandyala','society');

insert into Login values(4001,'Prapam','plant');

select\* from Login;

create table Plant(

p\_id varchar(10),

street varchar(20),

email varchar(20),

p\_quantity numeric(10),

login\_id varchar(10),

PRIMARY KEY (p\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Plant values (1004,'glokonda','prapammilk1234',200,4001);

select\* from Plant;

create table Plant\_account(

login\_id varchar(10) NOT NULL,

password varchar(20),

account\_type varchar(10),

PRIMARY KEY (login\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Plant\_account values(4001,'Prapam','plant');

select\* from Plant\_account;

create table Plant\_address(

p\_id varchar(10),

p\_street\_name varchar(20),

p\_village\_name varchar(20),

p\_state varchar(20),

p\_pincode numeric(10),

FOREIGN KEY (p\_id) REFERENCES Plant(p\_id));

insert into Plant\_address values(1004,'golkonda','jagityal','telangana',507115);

select\* from Plant\_address;

create table Plant\_contact(

p\_id varchar(10),

p\_phoneno numeric(10),

email varchar(20),

PRIMARY KEY(p\_phoneno),

FOREIGN KEY (p\_id) REFERENCES Plant(p\_id));

insert into Plant\_contact values(1004,9542473887,'prapammilk1234');

select\* from Plant\_contact;

create table Plant\_area(

p\_id varchar(10),

p\_pincode numeric(10),

primary key (p\_id),

FOREIGN KEY (p\_id) REFERENCES Plant(p\_id));

insert into Plant\_area values(1004,507115);

select\* from plant\_area;

create table Plant\_mapping(

p\_id varchar(10),

login\_id varchar(10),

primary key (p\_id,login\_id),

FOREIGN KEY (p\_id) REFERENCES Plant(p\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Plant\_mapping values(1004,4001);

select\* from Plant\_mapping;

create table Society(

s\_id varchar(10),

p\_id varchar(10),

s\_name varchar(20),

s\_quantity numeric(10),

login\_id varchar(10),

PRIMARY KEY (s\_id),

FOREIGN KEY(p\_id) REFERENCES Plant(p\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Society values(1003,1004,'balanagar',12,3001);

insert into Society values(2003,1004,'gandhinagar',13,3002);

insert into Society values(3003,1004,'madhapur',14,3003);

insert into Society values(4003,1004,'palvancha',15,3004);

insert into Society values(5003,1004,'nandyala',16,3005);

select\*from Society;

create table Society\_account(

login\_id varchar(10) NOT NULL,

password varchar(20),

account\_type varchar(10),

PRIMARY KEY (login\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Society\_account values(3001,'balanagar','society');

insert into Society\_account values(3002,'gandhinagar','society');

insert into Society\_account values(3003,'madhapur','society');

insert into Society\_account values(3004,'palvancha','society');

insert into Society\_account values(3005,'nandyala','society');

select\*from Society\_account;

create table Society\_address(

s\_id varchar(10),

s\_street\_name varchar(20),

s\_village\_name varchar(20),

s\_state varchar(20),

s\_pincode numeric(10),

PRIMARY KEY(s\_id),

FOREIGN KEY (s\_id) REFERENCES Society(s\_id));

insert into Society\_address values(1003,'sastry','balanagar','telangana',507115);

insert into Society\_address values(2003,'ramalaya','gandhinagar','telangana',507116);

insert into Society\_address values(3003,'alluri','madhapur','telangana',507117);

insert into Society\_address values(4003,'natraj','palvancha','telangana',507118);

insert into Society\_address values(5003,'rama','nandyala','telangana',507119);

select\* from society\_address;

create table Society\_contact(

s\_id varchar(10),

s\_phoneno numeric(20),

PRIMARY KEY(s\_phoneno),

FOREIGN KEY (s\_id) REFERENCES society(s\_id));

insert into Society\_contact values(1003,9542473867);

insert into Society\_contact values(2003,9542473857);

insert into Society\_contact values(3003,9542473847);

insert into Society\_contact values(4003,9542433887);

insert into Society\_contact values(5003,9542473887);

select\* from society\_contact;

create table Society\_area(

s\_id varchar(10),

s\_pincode numeric(10),

primary key (s\_id),

FOREIGN KEY (s\_id) REFERENCES Society(s\_id));

insert into Society\_area values(1003,507115);

insert into Society\_area values(2003,507116);

insert into Society\_area values(3003,507117);

insert into Society\_area values(4003,507118);

insert into Society\_area values(5003,507119);

select\* from Society\_area;

create table Society\_mapping(

s\_id varchar(10),

login\_id varchar(10),

primary key (s\_id,login\_id),

FOREIGN KEY (s\_id) REFERENCES Society(s\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Society\_mapping values(1003,3001);

insert into Society\_mapping values(2003,3002);

insert into Society\_mapping values(3003,3003);

insert into Society\_mapping values(4003,3004);

insert into Society\_mapping values(5003,3005);

select\*from Society\_mapping;

create table Farmer(

f\_id varchar(10),

f\_name varchar(20),

s\_id varchar(10),

f\_quantity numeric(10),

login\_id varchar(10),

PRIMARY KEY (f\_id),

FOREIGN KEY (s\_id) REFERENCES Society(s\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Farmer values(1002,'raju',1003,12,2001);

insert into Farmer values(1003,'ravi',1003,13,2002);

insert into Farmer values(1004,'rajesh',2003,14,2003);

insert into Farmer values(1005,'ramesh',2003,15,2004);

insert into Farmer values(1006,'rahul',3003,16,2005);

insert into Farmer values(1007,'rakesh',3003,17,2006);

insert into Farmer values(1008,'nanda',4003,18,2007);

insert into Farmer values(1009,'bhadri',4003,19,2008);

insert into Farmer values(1010,'bunny',5003,20,2009);

insert into Farmer values(1011,'ragava',5003,21,2010);

select\*from farmer;

create table Farmer\_account(

login\_id varchar(10) NOT NULL,

password varchar(20),

account\_type varchar(10),

PRIMARY KEY (login\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Farmer\_account values(2001,'raju','farmer');

insert into Farmer\_account values(2002,'ravi','farmer');

insert into Farmer\_account values(2003,'rajesh','farmer');

insert into Farmer\_account values(2004,'ramesh','farmer');

insert into Farmer\_account values(2005,'rahul','farmer');

insert into Farmer\_account values(2006,'rakesh','farmer');

insert into Farmer\_account values(2007,'nanda','farmer');

insert into Farmer\_account values(2008,'badri','farmer');

insert into Farmer\_account values(2009,'bunny','farmer');

insert into Farmer\_account values(2010,'ragava','farmer');

select\*from farmer\_account;

create table Farmer\_address(

f\_id varchar(10),

f\_street\_name varchar(20),

f\_village\_name varchar(20),

f\_state varchar(20),

f\_pincode numeric(10),

FOREIGN KEY (f\_id) REFERENCES Farmer(f\_id));

insert into Farmer\_address values(1002,'ramalaya','palvancha','telangana',507115);

insert into Farmer\_address values(1003,'sastry','nandyala','telangana',507215);

insert into Farmer\_address values(1004,'gandhi','jagityal','andhra',507315);

insert into Farmer\_address values(1005,'sastry','palakollu','telangana',507415);

insert into Farmer\_address values(1006,'natraj','paranapur','telangana',507515);

insert into Farmer\_address values(1007,'alluri','bhadrachalam','andhra',507615);

insert into Farmer\_address values(1008,'seetha','sarapaka','andhra',507715);

insert into Farmer\_address values(1009,'raama','burgampadu','telangana',507185);

insert into Farmer\_address values(1010,'raju','lakshmipuram','telanagan',507915);

insert into Farmer\_address values(1011,'komaram','kavali','telangana',507105);

select\* from Farmer\_address;

create table Farmer\_contact(

f\_id varchar(10),

f\_phoneno numeric(10),

PRIMARY KEY(f\_phoneno),

FOREIGN KEY (f\_id) REFERENCES Farmer(f\_id));

insert into Farmer\_contact values(1002,8008192889);

insert into Farmer\_contact values(1003,9008192889);

insert into Farmer\_contact values(1004,8208192889);

insert into Farmer\_contact values(1005,8048192889);

insert into Farmer\_contact values(1006,8608192889);

insert into Farmer\_contact values(1007,8008132889);

insert into Farmer\_contact values(1008,8008492889);

insert into Farmer\_contact values(1009,8568192889);

insert into Farmer\_contact values(1010,8788192889);

insert into Farmer\_contact values(1011,8018192889);

select\* from Farmer\_contact;

create table Farmer\_area(

f\_id varchar(10),

f\_pincode numeric(10),

primary key (f\_id),

FOREIGN KEY (f\_id) REFERENCES Farmer(f\_id));

insert into Farmer\_area values(1002,507115);

insert into Farmer\_area values(1003,507215);

insert into Farmer\_area values(1004,507315);

insert into Farmer\_area values(1005,507415);

insert into Farmer\_area values(1006,507515);

insert into Farmer\_area values(1007,507615);

insert into Farmer\_area values(1008,507715);

insert into Farmer\_area values(1009,507815);

insert into Farmer\_area values(1010,507915);

insert into Farmer\_area values(1011,507105);

select\* from Farmer\_area;

create table Farmer\_mapping(

f\_id varchar(10),

login\_id varchar(10),

primary key (f\_id,login\_id),

FOREIGN KEY (f\_id) REFERENCES Farmer(f\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Farmer\_mapping values(1002,2001);

insert into Farmer\_mapping values(1003,2002);

insert into Farmer\_mapping values(1004,2003);

insert into Farmer\_mapping values(1005,2004);

insert into Farmer\_mapping values(1006,2005);

insert into Farmer\_mapping values(1007,2006);

insert into Farmer\_mapping values(1008,2007);

insert into Farmer\_mapping values(1009,2008);

insert into Farmer\_mapping values(1010,2009);

insert into Farmer\_mapping values(1011,2010);

select\* from Farmer\_mapping;

create table Company(

c\_id varchar(10) NOT NULL,

c\_quantity numeric(10),

login\_id varchar(10),

PRIMARY KEY (c\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Company values('C01',100,3001)

insert into Company values('C02',100,3002)

select \* from Company

create table Comapny\_account(

login\_id varchar(10) NOT NULL,

password varchar(20),

account\_type varchar(10),

PRIMARY KEY(login\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Comapny\_account values (3001,18438,'company')

insert into Comapny\_account values (3002,18439,'company')

select \* from comapny\_account;

create table Company\_mapping(

login\_id varchar(10) NOT NULL,

c\_id varchar(10) NOT NULL,

primary key (c\_id,login\_id),

FOREIGN KEY (c\_id) REFERENCES Company(c\_id),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Company\_mapping values (3001,'C01')

insert into Company\_mapping values (3002,'C02')

select \* from Company\_mapping;

create table Price(

dairydate varchar(10),

fat\_percent numeric(10),

amount\_per\_unit numeric(10));

PRIMARY KEY(fat\_percent));

insert into Price values ('19dec',2,30);

insert into Price values ('20dec',4,40);

insert into Price values ('21dec',6,50);

select\*from Price;

create table Admin1(

admin\_id varchar(10),

password varchar(20),

f\_fat\_percent numeric(10),

s\_fat\_percent numeric(10),

PRIMARY KEY (admin\_id));

insert into Admin1 values('AD0001','18438',7.8,5.6);

select\* from Admin1;

create table Milk(

dairydate varchar(10),

quantity numeric(10),

login\_id varchar(10),

PRIMARY KEY (dairydate),

FOREIGN KEY (login\_id) REFERENCES Login (login\_id));

insert into Milk values('19dec',20,2001);

insert into Milk values('20dec',22,3001);

insert into Milk values('21dec',24,2002);

insert into Milk values('22dec',26,4001);

select\* from Milk;

create table Transportation(

vehicle\_no varchar(10) NOT NULL,

chasis\_no numeric(10),

driver\_name varchar(20),

PRIMARY KEY (vehicle\_no));

insert into Transportation values('AP0718432',567,'anmol');

insert into Transportation values('AP0718438',678,'badshah');

insert into Transportation values('AP0718418',789,'aravind');

insert into Transportation values('AP0718419',890,'shaik');

insert into Transportation values('AP0718439',012,'chittibabu');

select \* from Transportation;

create table Transportation\_vechicle(

vehicle\_no varchar(20),

route varchar(10),

route\_id numeric(10),

PRIMARY KEY (route\_id),

FOREIGN KEY (vehicle\_no) REFERENCES Transportation(vehicle\_no));

insert into Transportation\_vechicle values('AP0718438','karuchola',1);

insert into Transportation\_vechicle values('AP0718432','jaladi',2)

insert into Transportation\_vechicle values('AP0718418','edlapadu',3)

insert into Transportation\_vechicle values('AP0718419','jaggapuram',4)

insert into Transportation\_vechicle values('AP0718439','unnava',5)

select \* from Transportation\_vechicle