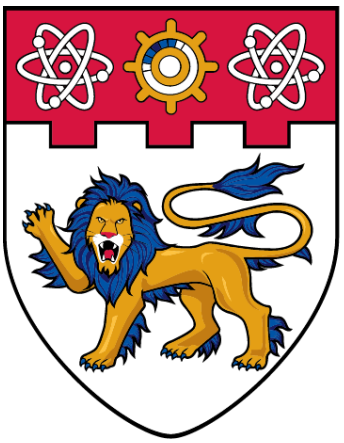


NANYANG TECHNOLOGICAL UNIVERSITY
SINGAPORE

SQL - Lab5

CZ2007 –INTRODUCTION TO DATABASES

Group 6

Name and Signature	**Individual Contributions** (To justify the percentage contribution)	**Percentage of Contribution (100% in total)**
Cui Chenling		25%
Luo Wenyu		25%
Bodipati Kiran		25%
Cao Shuwen		25%

Database Creation

1. **PERSON**

```
CREATE TABLE PERSON (
        person_id INT NOT NULL,
        person_email VARCHAR(30),
        phone_number VARCHAR(30),
        name VARCHAR(30),
        hometown VARCHAR(30),
        birthday DATETIME,
        sex VARCHAR(30),
        company_id INT,
        PRIMARY KEY (person_id));
```

```
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (1,'vitae.erat@mauriselit.net',82731680,'Marshall Ewing','Costa
Rica','1983-04-15','Male',2);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (2,'lacinia.mattis@nibh.edu',83508846,'Gavin
Johnston','Guinea-Bissau','1987-10-23','Female',4);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (3,'porttitor.eros.nec@sem.co.uk',86260497,'Jack Decker','Czech
Republic','2003-01-12','Female',5);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (4,'Nunc@Phaselluslibero mauris.edu',82467544,'Kenneth
Cook','Iceland','2011-04-02','Female',5);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (5,'commodo@utmiDuis.net',86122440,'Dillon
Morgan','Poland','1993-04-12','Female',5);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (6,'Phasellus.fermentum@orci.edu',80279201,'Garth
Goodwin','Jamaica','2000-06-20','Female',5);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (7,'ut.nulla.Cras@magnaetipsum.org',85660094,'Quintessa
Greene','Swaziland','2000-04-29','Male',7);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
```

```
VALUES (8,'Mauris@molestieorcitincidunt.org',83169594,'Adara
Lamb','Belize','1986-07-14','Female',8);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (9,'nibh.Donec.est@Donecfelisorci.ca',88647649,'Kasimir Chase','Viet
Nam','1984-11-25','Female',9);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (10,'erat@metusurna.com',87921440,'Rigel Barton','Vanuatu','1983-03-13','Male',10);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (11,'a.auctor.non@massalobortis.org',83283743,'Oscar Weeks','United
States','1983-10-26','Male',11);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (12,'at@Aenean.net',86905911,'Lars Mcgee','Cape Verde','2003-11-16','Female',2);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (13,'eros.turpis@sollicitudin.net',84779753,'Alea
Shepherd','Suriname','1990-07-14','Female',3);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (14,'pede@enimgravida.co.uk',88901854,'Octavius Rogers','New
Caledonia','2000-11-26','Male',6);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (15,'magna.Cras@nonhendrerit.edu',86239481,'Jana
Goodwin','Albania','2001-10-05','Male',1);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (16,'magnis@Praesent.co.uk',89582268,'Reuben
Baldwin','Nepal','1987-09-22','Male',2);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (17,'nulla.ante.iaculis@vitaealiquameros.edu',86584999,'Murphy Carr','Sao Tome and
Principe','1996-03-30','Female',3);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (18,'nibh@egestas.edu',84641351,'Bree Petersen','Sweden','1983-11-06','Male',4);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (19,'velit.Quisque.varius@pretiumaliquet.ca',88332744,'Hyacinth Holden','Isle of
Man','1989-03-30','Female',5);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (20,'semper.auctor@molestieintempus.org',89493610,'Sigourney Duffy','United States
Minor Outlying Islands','2001-04-10','Male',6);
```

```
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (21,'lectus@maurisrhoncusid.edu',83353983,'Rhiannon
Rios','Thailand','2012-09-03','Male',7);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (22,'sit.amet@CrasinterdumNunc.net',83388456,'Zane Mccall','Marshall
Islands','2004-06-12','Female',8);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (23,'risus.Duis@Crassedleo.co.uk',86348431,'Maggy Vaughn','Hong
Kong','2003-10-21','Male',9);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (24,'ante@loremauctorquis.ca',89933760,'Mikayla
Mcclure','India','1989-08-12','Female',10);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (25,'mus@malesuada.com',88152465,'Julie Ward','New
Zealand','2003-03-12','Female',11);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (26,'arcu.iaculis@Pellentesquetincidunttempus.ca',80334069,'Fleur
Strickland','Samoa','2012-01-11','Female',12);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (27,'a.enim.Suspendisse@Aliquam.edu',81053483,'Valentine
Mcconnell','India','1995-03-10','Female',13);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (28,'fringilla.cursus@luctuslobortis.org',89847444,'Orlando
Kane','Luxembourg','2006-04-25','Male',14);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (29,'Pellentesque.habitant.morbi@imperdietullamcorper.org',80740954,'Selma
Barr','United States Minor Outlying Islands','1996-04-25','Male',15);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (30,'diam@dui.edu',88311733,'Scott Jennings','Tonga','2013-08-02','Male',16);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (31,'Morbi.vehicula.Pellentesque@erat.com',84449554,'Phelan
Boyer','Guinea-Bissau','1991-06-26','Male',17);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (32,'semper@metusvitaevelit.ca',86375022,'Herrod
Stevens','Denmark','2012-04-11','Male',18);
```

```
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (33,'sit.amet.massa@velitin.ca',83816043,'Aimee
Jacobson','Nicaragua','2006-09-08','Female',19);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (34,'diam.Sed@iderat.net',89889941,'Bernard
Jefferson','Micronesia','1990-11-19','Male',20);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (35,'mi.enim@nunc.edu',87603377,'Anthony Casey','Estonia','1998-09-01','Male',21);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (36,'velit@tortornibh.ca',85954526,'Cleo Collins','Guyana','1981-02-06','Male',22);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (37,'sit@pharetrautpharetra.com',87283419,'Yuri
Levy','Cura?ao','1995-08-21','Female',23);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (38,'enim.Curabitur.massa@convallisligulaDonec.net',85834897,'Aaron
Haney','Monaco','2006-12-02','Male',24);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (39,'lorem.ipsum@euelit.com',88297072,'Blossom
Hahn','Nigeria','1998-06-10','Female',25);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (40,'egestas.hendrerit.neque@scelerisquescelerisquedui.ca',87231420,'Allegra
Wall','Eritrea','2013-04-27','Female',26);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (41,'Maecenas@Phasellusdapibusquam.com',84562712,'Gwendolyn
Cunningham','Dominica','1981-07-21','Male',27);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (42,'pulvinar@erategetipsum.org',83625846,'Mona Gill','Sierra
Leone','1994-04-26','Male',28);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (43,'erat@atnisiCum.co.uk',83252810,'Jessica
Padilla','Lebanon','2006-04-12','Female',29);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (44,'Mauris.molestie.pharetra@liberomaurisaliquam.ca',89336212,'Camille
Key','Malaysia','1997-04-16','Female',30);
```

```
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (45,'eu@eu.org',88451703,'Michael Page','Montenegro','2013-05-09','Male',1);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (46,'aliquet@Quisquepurussapien.edu',89903336,'Conan
Mooney','Zambia','1992-12-11','Male',2);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (47,'Sed.malesuada.augue@Maecenasliberoest.ca',87162773,'Allen
Phelps','Colombia','1991-11-24','Female',3);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (48,'mi.fringilla.mi@nunc.co.uk',86144522,'Vivian Collins','Burkina
Faso','1988-10-12','Male',4);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (49,'magna.a@pharetra.ca',89809173,'Lacy
Gilliam','Nicaragua','2013-01-05','Male',5);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (50,'imperdiet.erat@malesuadautsem.org',81760434,'Illana
Grimes','Turkmenistan','2002-08-18','Male',6);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (51,'penatibus.et@NullainterdumCurabitur.ca',81528597,'Baxter Combs','Christmas
Island','2000-12-26','Male',7);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (52,'libero.Proin.mi@arcuiaculis.com',86398498,'Jemima Obrien','Solomon
Islands','1989-08-09','Male',8);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (53,'amet.metus@ornare.co.uk',81015729,'Vivian
Glenn','Samoa','2006-05-19','Female',9);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (54,'iaculis@dolornonummyac.edu',81827477,'Carl Carver','Viet
Nam','1985-04-27','Male',10);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (55,'arcu@nec.ca',87400360,'Gisela Cain','Chad','1980-05-16','Male',11);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (56,'tincidunt.vehicula@cursusetmagna.ca',87982843,'Adam
Norman','Congo','1983-03-18','Female',12);
```

```
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (57,'quam@ornarelibero.net',80349897,'Luke Huber','Syria','2014-07-21','Male',13);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (58,'ipsum.dolor.sit@non.co.uk',85991064,'Nita
Tillman','Belize','2002-07-24','Male',14);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (59,'amet@fringilla.edu',85083356,'Renee Bradley','United Arab
Emirates','2012-02-05','Male',15);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (60,'Nulla.tincidunt.neque@montesnascetur.com',87973617,'Melanie
Myers','Malta','2011-07-18','Female',16);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (61,'in.consectetuer.ipsum@orciPhasellus.net',84604179,'Mallory
Strickland','Tuvalu','1999-06-01','Female',17);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (62,'adipiscing.ligula.Aenean@adipiscing.net',88752052,'Silas
Mcdaniel','Burundi','1988-05-26','Female',18);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (63,'scelerisque@Sedcongue.net',81148642,'Quamar Galloway','Cayman
Islands','2011-07-23','Female',19);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (64,'Duis.risus.odio@Duis.com',88850754,'Kirby
Townsend','Liechtenstein','2014-09-19','Male',20);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (65,'Curabitur.vel@Donecluctusaliquet.org',81799634,'Julie
Mejia','Greenland','1989-02-12','Female',21);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (66,'at@Duis.co.uk',87319552,'Zane Ford','Hong Kong','2010-09-23','Female',22);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (67,'Morbi.non@eunibhvulputate.org',81768658,'Price
Ayers','Guinea-Bissau','2000-07-02','Female',23);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (68,'elit.pellentesque@insodales.ca',84377375,'Tanya Estrada','Burkina
Faso','2014-10-18','Female',24);
```

```
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (69,'facilisis.vitae@feugiat.edu',84250500,'Thomas
Boyer','Guernsey','1981-03-05','Female',25);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (70,'vel.lectus@tinciduntpede.co.uk',87991916,'Chadwick
Gray','Macao','1988-02-21','Male',26);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (71,'semper@DonectinciduntDonec.org',82766783,'Glenna Ball','El
Salvador','1982-02-22','Female',27);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (72,'congue.turpis.In@penatibusetmagnis.org',89647604,'Kylan
Skinner','Madagascar','1986-04-30','Male',28);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (73,'Donec.egestas.Duis@aliquet.com',84490091,'Fitzgerald
Kerr','Bhutan','1981-06-24','Male',29);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (74,'Maecenas.malesuada.fringilla@nibhdolor.co.uk',83926963,'Neil Ratliff','C?te D
Ivoire (Ivory Coast)','1985-12-28','Female',30);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (75,'nec.eleifend.non@portaelit.ca',82003769,'Maris Golden','Antigua and
Barbuda','2002-04-21','Male',1);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (76,'Mauris.non@enim.com',86319684,'Amery Berg','Bolivia','2001-11-30','Female',2);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (77,'cursus.a@etultricesposuere.ca',89681771,'Whoopi Salinas','Antigua and
Barbuda','1983-11-20','Male',3);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (78,'non@accumsansedfacilisis.net',89634033,'Bruno Orr','Saint
Barth?lemy','1987-01-24','Male',4);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (79,'dolor.Nulla.semper@Proinegetodio.ca',83397513,'Eaton Travis','French Southern
Territories','1986-10-07','Male',5);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (80,'libero@fringilla.edu',82510321,'Aurora Bryant','Cambodia','2008-01-23','Male',6);
```

```
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (81,'ante.blandit.viverra@mollis.net',83336067,'Constance Warren','Sierra
Leone','1986-01-11','Female',7);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (82,'magna.a.neque@sapiengravidanon.edu',84610875,'Zenaida
Mcdowell','Canada','2000-03-14','Female',8);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (83,'aliquet.Proin@arcuVestibulumut.ca',86297232,'Jenna
Roth','Lesotho','1981-03-30','Female',9);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (84,'mattis@Uttinciduntvehicula.net',86539847,'Ahmed Wiley','New
Caledonia','2003-05-08','Male',10);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (85,'scelerisque.neque.sed@aceleifend.edu',84024314,'Vivian
Flynn','Madagascar','1981-04-04','Female',11);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (86,'odio.sagittis.semper@aodio.org',89259712,'Kennan
Mueller','Azerbaijan','2000-01-17','Female',12);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (87,'pharetra.Nam@sapien.org',88940354,'Guinevere
Stout','Thailand','1986-10-16','Female',13);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (88,'et.nunc@ipsum.ca',87801397,'Hector
Cooley','Pakistan','1991-07-03','Female',14);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (89,'at@Aliquamtincidunt.org',81517993,'Caesar
Francis','Colombia','1990-03-27','Female',15);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (90,'nec.tempus.scelerisque@Nuncullamcorper.net',83396394,'Cameron
Hancock','Denmark','2003-12-04','Male',16);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (91,'et.libero@amet.co.uk',88798182,'Wilma
Flores','Mauritius','2007-05-29','Female',17);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
```

```
VALUES (92,'ipsum.Phasellus@sapienmolestie.com',86563650,'Olga
Adams','Yemen','1989-01-12','Male',18);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (93,'mauris.sit.amet@amet.com',88167343,'Chastity
England','Bangladesh','1993-07-20','Female',19);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (94,'euismod.enim@neceleifend.org',84973432,'Chase
Wilcox','Cura?ao','1997-04-02','Female',20);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (95,'tellus.eu.augue@erosturpis.ca',82171417,'Nathaniel
Freeman','Botswana','2015-06-29','Female',21);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (96,'congue.turpis.In@etcommodo.org',84008313,'Stone
Marks','British','2009-06-24','Female',22);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (97,'malesuada.augue@tellus.com',87623602,'Jenette
Pacheco','Australia','1988-09-22','Female',23);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (98,'varius.Nam@antedictumcursus.ca',80413366,'Haley
Cruz','Jersey','2001-08-21','Female',24);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (99,'volutpat.ornare.facilisis@nonummyacfeugiat.co.uk',87542834,'Alexander
Levy','Mauritania','1985-08-16','Female',25);
INSERT INTO
PERSON(person_id,person_email,phone_number,name,hometown,birthday,sex,company_id)
VALUES (100,'quis.pede@quisdiamluctus.com',87797063,'Myra
Riddle','Laos','1993-12-11','Female',26);
```

2. ADMIN

```
CREATE TABLE ADMIN (
        person_id INT NOT NULL,
        PRIMARY KEY (person_id),
        FOREIGN KEY (person_id) REFERENCES PERSON (person_id));
```

```
INSERT INTO PERSON(person_id) VALUES (1);
INSERT INTO ADMIN(person_id) VALUES (3);
INSERT INTO ADMIN(person_id) VALUES (4);
```

```
INSERT INTO ADMIN(person_id) VALUES (6);
INSERT INTO ADMIN(person_id) VALUES (8);
INSERT INTO ADMIN(person_id) VALUES (9);
INSERT INTO ADMIN(person_id) VALUES (10);
INSERT INTO ADMIN(person_id) VALUES (13);
INSERT INTO ADMIN(person_id) VALUES (15);
INSERT INTO ADMIN(person_id) VALUES (16);
INSERT INTO ADMIN(person_id) VALUES (19);
INSERT INTO ADMIN(person_id) VALUES (23);
INSERT INTO ADMIN(person_id) VALUES (26);
INSERT INTO ADMIN(person_id) VALUES (29);
INSERT INTO ADMIN(person_id) VALUES (33);
INSERT INTO ADMIN(person_id) VALUES (36);
INSERT INTO ADMIN(person_id) VALUES (38);
INSERT INTO ADMIN(person_id) VALUES (48);
INSERT INTO ADMIN(person_id) VALUES (68);
INSERT INTO ADMIN(person_id) VALUES (78);
INSERT INTO ADMIN(person_id) VALUES (79);
INSERT INTO ADMIN(person_id) VALUES (83);
INSERT INTO ADMIN(person_id) VALUES (85);
INSERT INTO ADMIN(person_id) VALUES (89);
INSERT INTO ADMIN(person_id) VALUES (96);
INSERT INTO ADMIN(person_id) VALUES (97);
```

3. CONTACT_PERSON

```
CREATE TABLE CONTACT_PERSON(
        person_id INT NOT NULL,
        PRIMARY KEY (person_id),
        FOREIGN KEY (person_id) REFERENCES PERSON(person_id));
```

```
INSERT INTO CONTACT_PERSON(person_id) VALUES (2);
INSERT INTO CONTACT_PERSON(person_id) VALUES (7);
INSERT INTO CONTACT_PERSON(person_id) VALUES (86);
INSERT INTO CONTACT_PERSON(person_id) VALUES (90);
INSERT INTO CONTACT_PERSON(person_id) VALUES (8);
INSERT INTO CONTACT_PERSON(person_id) VALUES (9);
INSERT INTO CONTACT_PERSON(person_id) VALUES (10);
INSERT INTO CONTACT_PERSON(person_id) VALUES (13);
INSERT INTO CONTACT_PERSON(person_id) VALUES (36);
INSERT INTO CONTACT_PERSON(person_id) VALUES (38);
INSERT INTO CONTACT_PERSON(person_id) VALUES (48);
INSERT INTO CONTACT_PERSON(person_id) VALUES (68);
INSERT INTO CONTACT_PERSON(person_id) VALUES (78);
INSERT INTO CONTACT_PERSON(person_id) VALUES (79);
INSERT INTO CONTACT_PERSON(person_id) VALUES (83);
```

```
INSERT INTO CONTACT_PERSON(person_id) VALUES (85);
INSERT INTO CONTACT_PERSON(person_id) VALUES (89);
INSERT INTO CONTACT_PERSON(person_id) VALUES (96);
INSERT INTO CONTACT_PERSON(person_id) VALUES (97);
INSERT INTO CONTACT_PERSON(person_id) VALUES (100);
```

4. CATEGORY

```
CREATE TABLE CATEGORY (
        category_name VARCHAR(30)
        PRIMARY KEY (category_name));
```

```
INSERT INTO CATEGORY(person_id) VALUES (Bank);
INSERT INTO CATEGORY(person_id) VALUES (Beauty&Wellness);
INSERT INTO CATEGORY(person_id) VALUES (Books&Stationery);
INSERT INTO CATEGORY(person_id) VALUES (Department Store);
INSERT INTO CATEGORY(person_id) VALUES (Education);
INSERT INTO CATEGORY(person_id) VALUES (Electronic&Technology);
INSERT INTO CATEGORY(person_id) VALUES (Fashion&Accessories);
INSERT INTO CATEGORY(person_id) VALUES (Food&Beverage);
INSERT INTO CATEGORY(person_id) VALUES (Home&Furnishings);
INSERT INTO CATEGORY(person_id) VALUES (Jewellery);
INSERT INTO CATEGORY(person_id) VALUES (Leisure&Entertainment);
INSERT INTO CATEGORY(person_id) VALUES (Lifestyle);
INSERT INTO CATEGORY(person_id) VALUES (Services);
INSERT INTO CATEGORY(person_id) VALUES (Supermarket);
```

5. LOCATION_CD

```
CREATE LOCATION_CD(
        location_id INT NOT NULL,
        location_name NVARCHAR(32),
        coordinates_X DECIMAL(18,3),
        coordinates Y DECIMAL(18,3).
        PRIMARY KEY(location_id));
```

```
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(1,'Birmingham',52.461,-1.889);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(2,'Chernyshkovskiy',48.37,42.177);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(3,'Uiju',40.198,124.535);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(4,'Saratov',51.518,46.006);
```

```
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(5,'Colcabamba',-12.4,-74.7);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (6,'Ipoti',7.872,5.073);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (7,'Fenais da
Ajuda',37.851,-25.324);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(8,'Qianjin',46.814,130.375);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(9,'Mahdia',43.642,-79.374);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(10,'Finzes',41.343,-8.566);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(11,'Ambohitrolomahitsy',-18.7,47.683);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(12,'Nunsena',-9.793,124.432);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(13,'Sanzhou',22.873,113.269);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(14,'Margaharja',-7.253,108.454);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(15,'Vänersborg',57.968,12.577);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (16,'Kfar
NaOranim',31.92,35.037);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (17,'Th? Tr?n Yên
Th?nh',18.178,105.703);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(18,'Bantengan',-8.166,111.748);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(19,'Luotaping',29.181,110.138);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (20,'Doña Remedios
Trinidad',14.962,120.895);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (21,'Porto
Ferreira',-21.842,-47.471);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(22,'Bazar-Korgon',41.029,72.739);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (23,'Nossa Senhora de
Machede',38.578,-7.776);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(24,'Leticia',-4.203,-69.936);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(25,'Jianggang',29.222,89.982);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(26,'Piraí',-22.603,-43.906);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (27,'Los
Cedrales',-25.671,-54.741);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (28,'Ostrów
Mazowiecka',52.836,21.823);
```

```
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(29,'Chengqu',22.779,115.365);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(30,'Talisay',14.562,121.013);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(31,'Segezha',63.739,34.31);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(32,'Diourbel',14.656,-16.235);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (33,'Vnanje
Gorice',45.97,14.374);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(34,'Dongbian',23.021,113.752);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(35,'Jinzhuang',37.691,116.294);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(36,'Yajiwa',11.386,12.72);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(37,'Barbosa',5.934,-73.616);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(38,'Huaguo',30.271,120.166);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(39,'Shanshu',27.255,102.555);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(40,'Dargaz',37.445,59.11);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(41,'Getahovit',40.895,45.138);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(42,'Patnongon',10.932,121.986);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(43,'Chornukhyne',48.324,38.521);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(44,'Orléans',47.359,2.8);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(45,'Erími',34.692,32.918);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES (46,'Stare
Pole',54.047,19.201);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(47,'Tengah',-7.151,110.14);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(48,'Huangpo',23.106,113.46);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(49,'Karungdong',5.093,119.809);
INSERT INTO LOCATION_CD(location_id,location_name,x,y) VALUES
(50,'Longlou',37.646,120.478);
```

6. COMPANY_INFO

```
CREATE TABLE COMPANY_INFO (
        company_id INT NOT NULL,
        company_name VARCHAR(30),
        mailing_address VARCHAR(100),
        location_id INT NOT NULL,
        PRIMARY KEY (company_id),
        FOREIGN KEY (location_id) REFERENCES PERSON (location_id));
```

```
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (1,'Quis Industries','P.O. Box 644',1);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (2,'Sagittis Lobortis Limited','952-8212 Ut St.',2);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (3,'Eu Industries','408-2215 Elit',3);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (4,'Mi Tempor Lorem Foundation','P.O. Box 218',4);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (5,'Consectetuer PC','Ap #274-2474 Netus Avenue',5);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (6,'Ut LLP','P.O. Box 608',6);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (7,'Lacus Corp.','9936 Rutrum. Rd.',7);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (8,'In Incorporated','9352 A',8);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (9,'Risus Varius Institute','Ap #398-8603 Eros. St.',9);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (10,'Blandit Nam Company','4398 Et',10);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (11,'Pede LLC','359-1416 Fermentum Road',11);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (12,'Bibendum LLC','P.O. Box 809',12);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (13,'Pellentesque LLC','Ap #647-1797 Nulla St.',13);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (14,'Ullamcorper Viverra Maecenas Corporation','P.O. Box 413',14);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (15,'Ornare Sagittis Felis Incorporated','P.O. Box 902',15);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (16,'Ut Mi PC','1156 Duis Ave',16);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (17,'Ipsum Phasellus Incorporated','Ap #953-4310 Integer Rd.',17);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (18,'Mi Felis Adipiscing Incorporated','P.O. Box 666',18);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (19,'Auctor Inc.','Ap #978-9128 Cras Road',19);
```

```
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (20,'Senectus Et Netus LLP','P.O. Box 298',20);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (21,'Urna Inc.','7500 Iaculis Avenue',21);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (22,'Est Mauris Inc.','P.O. Box 982',22);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (23,'Cubilia Incorporated','Ap #553-878 Vivamus Av.',23);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (24,'Donec Consulting','Ap #208-3456 Ut Road',24);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (25,'Quam Associates','6176 Lacus. St.',25);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (26,'Nullam Scelerisque Neque Ltd','P.O. Box 445',26);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (27,'Adipiscing Lacus Associates','P.O. Box 723',27);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (28,'Porta Elit A Ltd','2946 At Rd.',28);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (29,'Sed PC','P.O. Box 657',29);
INSERT INTO COMPANY_INFO(company_id,company_name,mailing_address,location_id)
VALUES (30,'Ut Quam Consulting','683-2293 Tempus Rd.',30);
```

7. DISCUSSION_FORUM

```
CREATE TABLE DISCUSSION_FORUM (
        discussion_id INT NOT NULL,
        time DATETIME ,
        description VARCHAR(1000),
        person_id int NOT NULL,
        PRIMARY KEY(discussion_id)
        FOREIGN KEY (person_id) REFERENCES PERSON (person_id));
```

```
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(1,'2021-03-06 18:57','Nunc nisl.',2);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(2,'2021-03-17 11:11','Nunc rhoncus dui vel sem. Sed sagittis. Nam congue, risus semper porta volutpat, quam pede lobortis ligula, sit amet eleifend pede libero quis orci. Nullam molestie nibh in lectus.',6);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(3,'2021-03-15 12:28','Duis ac nibh.',2);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(4,'2021-03-14 12:52','Mauris enim leo, rhoncus sed, vestibulum sit amet, cursus id, turpis. Integer aliquet, massa id lobortis convallis, tortor risus dapibus augue, vel accumsan tellus nisi eu orci. Mauris lacinia sapien quis libero.',8);
```

```
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(5,'2021-03-01 21:46','Maecenas pulvinar lobortis est. Phasellus sit amet erat.',1);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(6,'2021-03-20 11:37','Mauris sit amet eros. Suspendisse accumsan tortor quis turpis. Sed
ante. Vivamus tortor.',13);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(7,'2021-03-06 21:01','Suspendisse potenti. In eleifend quam a odio. In hac habitasse platea
dictumst.',14);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(8,'2021-03-15 12:41','Curabitur gravida nisi at nibh.',6);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(9,'2021-03-22 16:28','Sed accumsan felis.',8);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(10,'2021-03-18 20:28','Nullam orci pede, venenatis non, sodales sed, tincidunt eu, felis.',12);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(11,'2021-03-12 03:26','Donec ut dolor. Morbi vel lectus in quam fringilla rhoncus. Mauris enim
leo, rhoncus sed, vestibulum sit amet, cursus id, turpis.',6);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(12,'2021-02-25 12:07','In congue. Etiam justo. Etiam pretium iaculis justo. In hac habitasse
platea dictumst.',11);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(13,'2021-02-26 12:42','Nullam sit amet turpis elementum ligula vehicula consequat. Morbi a
ipsum. Integer a nibh.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(14,'2021-03-30 09:21','Fusce congue, diam id ornare imperdiet, sapien urna pretium nisl, ut
volutpat sapien arcu sed augue. Aliquam erat volutpat. In congue.',12);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(15,'2021-03-29 09:47','Aenean auctor gravida sem. Praesent id massa id nisl venenatis
lacinia. Aenean sit amet justo.',15);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(16,'2021-03-25 23:19','Nullam molestie nibh in lectus. Pellentesque at nulla. Suspendisse
potenti. Cras in purus eu magna vulputate luctus.',1);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(17,'2021-03-12 22:55','Cum sociis natoque penatibus et magnis dis parturient montes,
nascetur ridiculus mus.',13);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(18,'2021-03-13 09:44','Duis mattis egestas metus.',10);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(19,'2021-03-23 20:01','Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Proin
risus.',10);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(20,'2021-03-02 19:52','Donec posuere metus vitae ipsum. Aliquam non mauris. Morbi non
lectus. Aliquam sit amet diam in magna bibendum imperdiet.',2);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(21,'2021-02-24 09:28','Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere
cubilia Curae; Mauris viverra diam vitae quam. Suspendisse potenti.',9);
```

```
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(22,'2021-02-21 19:10','Quisque erat eros, viverra eget, congue eget, semper rutrum, nulla.
Nunc purus. Phasellus in felis.',2);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(23,'2021-03-30 14:18','Nulla suscipit ligula in lacus.',1);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(24,'2021-03-09 21:34','In blandit ultrices enim. Lorem ipsum dolor sit amet, consectetuer
adipiscing elit. Proin interdum mauris non ligula pellentesque ultrices.',13);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(25,'2021-03-11 18:25','Integer tincidunt ante vel ipsum. Praesent blandit lacinia erat.',1);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(26,'2021-02-24 20:55','Sed vel enim sit amet nunc viverra dapibus. Nulla suscipit ligula in
lacus. Curabitur at ipsum ac tellus semper interdum. Mauris ullamcorper purus sit amet
nulla.',15);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(27,'2021-03-10 23:06','Nullam orci pede, venenatis non, sodales sed, tincidunt eu, felis. Fusce
posuere felis sed lacus.',8);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(28,'2021-02-24 23:50','Fusce consequat. Nulla nisl. Nunc nisl.',10);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(29,'2021-03-22 18:37','Aliquam erat volutpat.',15);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(30,'2021-03-01 04:19','Vivamus in felis eu sapien cursus vestibulum. Proin eu mi. Nulla ac
enim. In tempor, turpis nec euismod scelerisque, quam turpis adipiscing lorem, vitae mattis
nibh ligula nec sem.',11);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(31,'2021-03-11 08:17','Vestibulum sed magna at nunc commodo placerat. Praesent blandit.
Nam nulla.',13);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(32,'2021-03-28 13:19','Vestibulum rutrum rutrum neque. Aenean auctor gravida sem. Praesent
id massa id nisl venenatis lacinia. Aenean sit amet justo.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(33,'2021-03-23 12:55','Nulla justo.',8);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(34,'2021-03-23 16:46','Morbi vestibulum, velit id pretium iaculis, diam erat fermentum justo,
nec condimentum neque sapien placerat ante. Nulla justo. Aliquam quis turpis eget elit sodales
scelerisque.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(35,'2021-02-21 19:47','Integer ac neque.',11);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(36,'2021-03-13 19:52','Curabitur in libero ut massa volutpat convallis.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(37,'2021-02-22 01:07','Nam nulla. Integer pede justo, lacinia eget, tincidunt eget, tempus vel,
pede. Morbi porttitor lorem id ligula. Suspendisse ornare consequat lectus.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(38,'2021-02-22 04:56','Aliquam non mauris. Morbi non lectus. Aliquam sit amet diam in magna
bibendum imperdiet. Nullam orci pede, venenatis non, sodales sed, tincidunt eu, felis.',10);
```

```
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(39,'2021-03-17 09:59','Nullam varius.',1);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(40,'2021-03-13 23:11','Maecenas tristique, est et tempus semper, est quam pharetra magna,
ac consequat metus sapien ut nunc. Vestibulum ante ipsum primis in faucibus orci luctus et
ultrices posuere cubilia Curae; Mauris viverra diam vitae quam. Suspendisse potenti. Nullam
porttitor lacus at turpis.',11);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(41,'2021-03-16 20:34','Integer ac neque. Duis bibendum. Morbi non quam nec dui luctus
rutrum.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(42,'2021-03-30 21:57','Nulla tempus. Vivamus in felis eu sapien cursus vestibulum. Proin eu
mi. Nulla ac enim.',7);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(43,'2021-03-16 06:37','Praesent blandit. Nam nulla.',9);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(44,'2021-03-26 03:16','Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere
cubilia Curae; Duis faucibus accumsan odio. Curabitur convallis.',10);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(45,'2021-03-15 14:13','Quisque ut erat. Curabitur gravida nisi at nibh. In hac habitasse platea
dictumst.',9);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(46,'2021-02-28 13:49','Aenean fermentum. Donec ut mauris eget massa tempor convallis.
Nulla neque libero, convallis eget, eleifend luctus, ultricies eu, nibh.',9);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(47,'2021-02-27 08:42','Suspendisse accumsan tortor quis turpis. Sed ante. Vivamus
tortor.',11);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(48,'2021-02-27 00:37','Phasellus in felis. Donec semper sapien a libero. Nam dui. Proin leo
odio, porttitor id, consequat in, consequat ut, nulla.',2);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(49,'2021-03-07 04:23','Integer ac neque. Duis bibendum. Morbi non quam nec dui luctus
rutrum.',12);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(50,'2021-03-28 20:38','Nulla tempus. Vivamus in felis eu sapien cursus vestibulum.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(51,'2021-03-04 17:25','Fusce consequat. Nulla nisl. Nunc nisl. Duis bibendum, felis sed
interdum venenatis, turpis enim blandit mi, in porttitor pede justo eu massa.',8);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(52,'2021-02-26 21:18','Quisque erat eros, viverra eget, congue eget, semper rutrum, nulla.
Nunc purus. Phasellus in felis.',9);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(53,'2021-03-08 08:59','Sed accumsan felis. Ut at dolor quis odio consequat varius.',9);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(54,'2021-03-24 20:11','Morbi a ipsum. Integer a nibh. In quis justo. Maecenas rhoncus aliquam
lacus.',6);
```

```
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(55,'2021-03-24 06:45','Curabitur at ipsum ac tellus semper interdum. Mauris ullamcorper purus
sit amet nulla.',11);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(56,'2021-03-17 20:20','Vivamus vel nulla eget eros elementum pellentesque. Quisque porta
volutpat erat. Quisque erat eros, viverra eget, congue eget, semper rutrum, nulla. Nunc
purus.',14);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(57,'2021-03-22 20:00','Nulla ut erat id mauris vulputate elementum. Nullam varius. Nulla
facilisi.',6);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(58,'2021-03-18 18:36','Maecenas leo odio, condimentum id, luctus nec, molestie sed, justo.
Pellentesque viverra pede ac diam.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(59,'2021-03-19 14:01','Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere
cubilia Curae; Donec pharetra, magna vestibulum aliquet ultrices, erat tortor sollicitudin mi, sit
amet lobortis sapien sapien non mi.',11);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(60,'2021-03-11 21:24','Curabitur in libero ut massa volutpat convallis. Morbi odio odio,
elementum eu, interdum eu, tincidunt in, leo. Maecenas pulvinar lobortis est. Phasellus sit amet
erat.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(61,'2021-03-07 04:06','Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Proin risus.
Praesent lectus.',15);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(62,'2021-03-24 23:18','Integer a nibh.',4);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(63,'2021-03-14 14:45','Aenean auctor gravida sem. Praesent id massa id nisl venenatis
lacinia.',6);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(64,'2021-03-28 11:31','Nam nulla. Integer pede justo, lacinia eget, tincidunt eget, tempus vel,
pede. Morbi porttitor lorem id ligula.',15);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(65,'2021-03-29 19:25','Nullam porttitor lacus at turpis. Donec posuere metus vitae ipsum.
Aliquam non mauris.',12);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(66,'2021-02-27 15:55','Morbi odio odio, elementum eu, interdum eu, tincidunt in, leo.',14);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(67,'2021-03-13 20:09','Quisque erat eros, viverra eget, congue eget, semper rutrum, nulla.
Nunc purus.',4);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(68,'2021-03-30 20:53','Aenean sit amet justo.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(69,'2021-03-07 21:45','Morbi quis tortor id nulla ultrices aliquet. Maecenas leo odio,
condimentum id, luctus nec, molestie sed, justo. Pellentesque viverra pede ac diam.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(70,'2021-02-21 11:30','Donec ut dolor.',15);
```

```
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(71,'2021-03-15 12:03','Aliquam sit amet diam in magna bibendum imperdiet. Nullam orci pede,
venenatis non, sodales sed, tincidunt eu, felis. Fusce posuere felis sed lacus. Morbi sem
mauris, laoreet ut, rhoncus aliquet, pulvinar sed, nisl.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(72,'2021-03-15 23:08','Vivamus in felis eu sapien cursus vestibulum. Proin eu mi. Nulla ac
enim. In tempor, turpis nec euismod scelerisque, quam turpis adipiscing lorem, vitae mattis
nibh ligula nec sem.',14);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(73,'2021-03-16 21:43','Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere
cubilia Curae; Donec pharetra, magna vestibulum aliquet ultrices, erat tortor sollicitudin mi, sit
amet lobortis sapien sapien non mi.',14);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(74,'2021-03-10 12:21','Duis at velit eu est congue elementum.',2);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(75,'2021-03-12 18:39','In hac habitasse platea dictumst. Morbi vestibulum, velit id pretium
iaculis, diam erat fermentum justo, nec condimentum neque sapien placerat ante. Nulla
justo.',8);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(76,'2021-02-20 21:44','Morbi odio odio, elementum eu, interdum eu, tincidunt in, leo.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(77,'2021-02-23 19:53','Donec quis orci eget orci vehicula condimentum.',1);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(78,'2021-03-24 02:50','Aenean fermentum. Donec ut mauris eget massa tempor convallis.
Nulla neque libero, convallis eget, eleifend luctus, ultricies eu, nibh. Quisque id justo sit amet
sapien dignissim vestibulum.',11);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(79,'2021-03-10 18:23','Pellentesque eget nunc. Donec quis orci eget orci vehicula
condimentum. Curabitur in libero ut massa volutpat convallis. Morbi odio odio, elementum eu,
interdum eu, tincidunt in, leo.',8);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(80,'2021-03-21 11:10','Morbi vestibulum, velit id pretium iaculis, diam erat fermentum justo,
nec condimentum neque sapien placerat ante.',6);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(81,'2021-02-27 14:26','Integer pede justo, lacinia eget, tincidunt eget, tempus vel, pede. Morbi
porttitor lorem id ligula. Suspendisse ornare consequat lectus.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(82,'2021-03-14 14:54','Fusce consequat.',9);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(83,'2021-03-19 05:18','Vivamus tortor. Duis mattis egestas metus. Aenean fermentum. Donec
ut mauris eget massa tempor convallis.',12);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(84,'2021-03-18 01:33','Fusce consequat. Nulla nisl.',6);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(85,'2021-03-05 13:17','Cum sociis natoque penatibus et magnis dis parturient montes,
nascetur ridiculus mus. Vivamus vestibulum sagittis sapien.',8);
```

```
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(86,'2021-03-10 07:49','In eleifend quam a odio. In hac habitasse platea dictumst. Maecenas ut
massa quis augue luctus tincidunt. Nulla mollis molestie lorem.',8);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(87,'2021-03-11 19:52','Duis consequat dui nec nisi volutpat eleifend. Donec ut dolor. Morbi vel
lectus in quam fringilla rhoncus. Mauris enim leo, rhoncus sed, vestibulum sit amet, cursus id,
turpis.',8);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(88,'2021-03-05 01:25','Nam ultrices, libero non mattis pulvinar, nulla pede ullamcorper augue,
a suscipit nulla elit ac nulla.',7);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(89,'2021-03-18 09:22','Maecenas tristique, est et tempus semper, est quam pharetra magna,
ac consequat metus sapien ut nunc.',10);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(90,'2021-02-25 02:47','Phasellus id sapien in sapien iaculis congue.',6);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(91,'2021-03-21 04:53','Mauris sit amet eros.',15);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(92,'2021-02-21 23:22','Curabitur convallis. Duis consequat dui nec nisi volutpat eleifend.
Donec ut dolor.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(93,'2021-03-07 17:45','Aliquam erat volutpat.',4);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(94,'2021-03-17 18:20','Fusce posuere felis sed lacus. Morbi sem mauris, laoreet ut, rhoncus
aliquet, pulvinar sed, nisl. Nunc rhoncus dui vel sem.',9);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(95,'2021-03-24 03:20','Cras mi pede, malesuada in, imperdiet et, commodo vulputate, justo. In
blandit ultrices enim.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(96,'2021-03-24 04:21','Nullam molestie nibh in lectus. Pellentesque at nulla. Suspendisse
potenti. Cras in purus eu magna vulputate luctus.',7);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(97,'2021-02-26 13:45','Nullam varius.',3);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(98,'2021-03-17 04:53','Maecenas leo odio, condimentum id, luctus nec, molestie sed,
justo.',2);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(99,'2021-02-25 20:54','In congue.',5);
INSERT INTO DISCUSSION_FORUM(discussion_id,time,description,person_id) VALUES
(100,'2021-03-03 23:19','Donec dapibus. Duis at velit eu est congue elementum. In hac
habitasse platea dictumst. Morbi vestibulum, velit id pretium iaculis, diam erat fermentum justo,
nec condimentum neque sapien placerat ante.',6);
```

8. SWAB_TEST

```
CREATE TABLE SWAB_TEST (
        swab_test_id INT NOT NULL,
        time DATETIME,
        result VARCHAR(30),
        clinic_location VARCHAR(100),
        person_id INT NOT NULL,
        PRIMARY KEY (swab_test_id),
        FOREIGN KEY (person_id) REFERENCES PERSON (person_id));
```

FOR DEMONSTRATION ONLY(30 ROWS, IN REAL, WE USED 1000 ROWS)

```
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(1,'2021-03-26 05:28','Negative','Arapahoe',31);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(2,'2021-03-11 20:31','Negative','Clyde Gallagher',90);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(3,'2021-03-19 04:16','Negative','West',52);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(4,'2021-03-27 13:33','Negative','Mcguire',35);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(5,'2021-03-28 12:35','Negative','Grim',31);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(6,'2021-03-17 19:57','Positive','School',10);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(7,'2021-03-24 05:57','Positive','Schlimgen',25);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(8,'2021-03-20 03:26','Negative','Oneill',2);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(9,'2021-03-21 23:26','Negative','Homewood',28);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(10,'2021-03-16 21:27','Negative','Fisk',10);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(11,'2021-03-14 08:26','Negative','Pond',81);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(12,'2021-03-18 16:24','Negative','Westridge',66);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(13,'2021-03-11 13:31','Negative','Buena Vista',45);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(14,'2021-03-18 08:39','Negative','Grayhawk',77);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(15,'2021-03-22 16:23','Negative','Russell',41);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(16,'2021-03-15 03:01','Negative','Esker',34);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(17,'2021-03-17 14:04','Negative','Eliot',31);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(18,'2021-03-28 18:32','Negative','Basil',98);
```

```
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(19,'2021-03-11 15:04','Negative','Dryden',28);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(20,'2021-03-18 03:50','Negative','Carioca',47);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(21,'2021-03-24 06:15','Negative','Hazelcrest',1);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(22,'2021-03-26 18:25','Negative','Nova',2);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(23,'2021-03-15 23:27','Positive','Sachs',23);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(24,'2021-03-23 02:26','Negative','Golf View',62);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(25,'2021-03-30 03:28','Positive','Magdeline',4);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(26,'2021-03-13 18:09','Negative','Algoma',24);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(27,'2021-03-25 18:51','Negative','Weeping Birch',6);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(28,'2021-03-22 05:44','Negative','Sycamore',60);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(29,'2021-03-22 19:52','Positive','Magdeline',58);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(30,'2021-03-14 18:27','Negative','Granby',1);
INSERT INTO SWAB_TEST(swab_test_id,time,result,clinic_location,person_id) VALUES
(31,'2021-03-10 16:28','Negative','Longview',66);
```

9. TEMPERATURE

```
CREATE TABLE TEMPERATURE (
        time_stamp DATETIME,
        person_id INT NOT NULL,
        temperature DECIMAL (5,3),
        PRIMARY KEY (time_stamp, person_id),
        FOREIGN KEY (person_id) REFERENCES PERSON (person_id));
```

FOR DEMONSTRATION ONLY(100 ROWS, IN REAL, WE USED 1000 ROWS)

```
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (44,'2021-03-17
03:05',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (48,'2021-03-30
08:09',35.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (52,'2021-03-13
03:04',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (41,'2021-02-22
06:03',36.6);
```

```
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (15,'2021-03-12 23:13',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (18,'2021-03-15 01:11',37.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (48,'2021-03-25 09:43',36.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (51,'2021-03-12 21:33',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (9,'2021-03-16 07:15',35.7);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (15,'2021-03-08 04:07',36.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (73,'2021-03-03 21:00',36.7);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (84,'2021-03-13 12:13',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (66,'2021-03-25 04:39',36.7);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (77,'2021-03-06 07:14',36.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (18,'2021-03-04 19:58',37);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (29,'2021-03-29 09:50',36.4);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (21,'2021-03-16 22:45',36.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (22,'2021-03-29 16:39',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (82,'2021-03-09 03:03',36.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (38,'2021-02-27 09:58',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (55,'2021-03-04 16:56',36.7);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (25,'2021-03-17 14:09',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (78,'2021-03-03 14:39',36.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (71,'2021-03-25 09:42',37.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (23,'2021-03-30 12:48',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (61,'2021-03-14 08:57',37);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (64,'2021-03-09 09:36',36.2);
```

```
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (91,'2021-03-11
11:01',37);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (75,'2021-03-01
22:12',37);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (31,'2021-02-22
13:24',36.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (29,'2021-03-20
18:54',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (7,'2021-03-27
07:07',36.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (17,'2021-03-26
14:46',35.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (41,'2021-03-22
22:31',37.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (21,'2021-02-24
00:09',37.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (19,'2021-03-04
14:54',37.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (45,'2021-03-29
12:06',36.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (77,'2021-03-28
18:30',36);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (58,'2021-03-11
11:47',36.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (61,'2021-02-23
04:38',36.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (14,'2021-03-14
07:48',37.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (91,'2021-03-19
23:22',36.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (56,'2021-03-06
03:55',37.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (5,'2021-03-12
10:05',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (76,'2021-03-24
01:30',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (11,'2021-03-13
17:49',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (76,'2021-02-24
16:00',36.7);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (18,'2021-03-08
19:41',36.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (86,'2021-03-22
16:39',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (37,'2021-03-15
14:14',36.4);
```

```
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (67,'2021-02-25 09:58',36.7);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (58,'2021-03-19 08:18',37.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (16,'2021-03-17 03:39',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (52,'2021-03-26 05:37',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (6,'2021-03-12 05:51',36.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (11,'2021-03-18 21:10',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (21,'2021-03-09 17:21',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (24,'2021-03-05 08:56',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (51,'2021-03-13 04:27',36.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (24,'2021-03-19 23:46',37.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (50,'2021-03-07 16:09',37.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (95,'2021-03-24 17:01',36);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (74,'2021-02-23 02:55',36.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (38,'2021-03-30 17:08',37.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (58,'2021-03-04 08:49',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (69,'2021-03-12 10:24',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (69,'2021-03-08 06:00',36.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (60,'2021-02-21 20:48',36.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (9,'2021-03-11 20:48',37);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (73,'2021-03-11 05:34',36.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (6,'2021-02-21 02:28',36.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (98,'2021-02-23 05:12',36.4);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (51,'2021-03-16 14:06',36.7);
```

```
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (15,'2021-03-27 17:34',37);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (84,'2021-02-23 16:18',37);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (52,'2021-03-12 05:22',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (45,'2021-02-20 02:05',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (46,'2021-02-26 23:29',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (41,'2021-03-06 07:31',37.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (15,'2021-03-15 12:13',36.5);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (25,'2021-03-20 23:56',36.4);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (35,'2021-03-17 02:15',37.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (32,'2021-03-20 18:16',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (36,'2021-02-21 19:20',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (52,'2021-03-26 16:32',36.4);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (75,'2021-03-11 03:19',36.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (6,'2021-03-03 22:42',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (75,'2021-03-06 04:19',36.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (11,'2021-03-22 02:41',36.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (44,'2021-03-03 13:48',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (15,'2021-02-22 11:07',36.3);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (73,'2021-03-18 05:35',37.2);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (13,'2021-02-23 09:40',36.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (15,'2021-03-16 15:57',36.7);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (11,'2021-03-16 17:12',36.9);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (45,'2021-02-25 05:19',36.8);
```

```
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (34,'2021-03-26
12:07',36.7);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (63,'2021-03-07
00:54',36.1);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (52,'2021-02-24
11:37',36.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (36,'2021-03-12
15:38',36.8);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (77,'2021-02-24
12:43',36.6);
INSERT INTO TEMPERATURE(person_id,time_stamp,temperature) VALUES (58,'2021-02-26
01:11',37.1);
```

10. COORDINATES

```
CREATE TABLE COORDINATES (
        time_stamp DATETIME,
        person_id INT NOT NULL,
        x DECIMAL (5,3),
        y DECIMAL (5,3),
        PRIMARY KEY (time_stamp, person_id),
        FOREIGN KEY (person_id) REFERENCES PERSON (person_id));
```

```
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:00',1,-89.725,53.196);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:05',1,54.158,14.72);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:10',1,-52.641,54.831);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:15',1,-79.214,-15.142);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:20',1,41.609,-58.179);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:25',1,85.83,18.603);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:30',1,-47.992,-0.369);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:35',1,25.55,-34.802);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:40',1,-12.499,-68.508);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:45',1,28.787,23.649);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:50',1,-24.545,-8.661);
```

```
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
0:55',1,-34.265,1.85);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:00',1,54.241,-71.56);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:05',1,-59.963,85.099);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:10',1,-78.579,55.044);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:15',1,54.14,-27.391);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:20',1,-11.677,32.104);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:25',1,78.15,-40.534);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:30',1,65.003,26.925);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:35',1,30.869,-10.528);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:40',1,-82.74,16.01);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:45',1,-10.256,85.884);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:50',1,-87.065,70.63);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
1:55',1,47.839,-70.466);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:00',1,4.748,49.351);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:05',1,83.426,70.892);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:10',1,12.3,89.671);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:15',1,21.813,-6.627);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:20',1,-36.253,56.165);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:25',1,-35.525,-13.189);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:30',1,-54.482,-5.383);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:35',1,86.87,48.303);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:40',1,46.911,86.995);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:45',1,-44.958,-42.811);
```

```
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:50',1,56.64,-46.061);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
2:55',1,24.108,-12.828);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:00',1,-81.082,40.571);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:05',1,55.189,-31.956);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:10',1,-22.423,-14.175);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:15',1,51.345,29.493);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:20',1,12.943,36.353);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:25',1,72.407,75.923);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:30',1,-28.608,-31.519);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:35',1,79.93,-61.108);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:40',1,64.075,36.419);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:45',1,33.199,-49.307);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:50',1,-15.65,-11.832);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
3:55',1,36.78,81.727);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:00',1,37.366,64.827);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:05',1,-42.393,67.037);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:10',1,-60.91,63.835);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:15',1,-85.715,-41.583);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:20',1,-67.537,-10.304);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:25',1,-38.367,-28.233);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:30',1,69.282,-47.737);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:35',1,53.663,-74.159);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:40',1,-80.083,-17.491);
```

```
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:45',1,63.414,-25.926);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:50',1,80.66,-89.182);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
4:55',1,83.912,73.733);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:00',1,-40.591,61.522);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:05',1,-7.314,53.032);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:10',1,-32.257,74.485);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:15',1,-39.028,-48.305);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:20',1,-68.296,35.771);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:25',1,80.838,15.682);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:30',1,64.771,84.789);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:35',1,57.96,-6.265);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:40',1,-25.683,47.454);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:45',1,-27.733,-38.678);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:50',1,70.013,39.592);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
5:55',1,68.725,-16.777);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:00',1,-23.996,4.933);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:05',1,63.953,-70.031);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:10',1,85.855,19.213);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:15',1,-64.766,-13.578);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:20',1,14.373,-9.073);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:25',1,77.71,-9.421);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:30',1,-24.1,-34.403);
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:35',1,-38.705,-53.113);
```

```
INSERT INTO COORDINATES(time_stamp,person_id,x,y) VALUES ('30/3/21
6:40',1,-30.345,11.843);
```

11. CHECKIN_RECORD

```
CREATE TABLE CHECKIN_RECORD (
        checkin_time DATETIME,
        checkout_time DATETIME,
        person_id INT NOT NULL,
        location_id INT NOT NULL,
        rating INT,
        comment VARCHAR(1000),
        PRIMARY KEY (checkin_time, person_id, location_id),
        FOREIGN KEY (person_id) REFERENCES PERSON (person_id),
        FOREIGN KEY (location_id) REFERENCES LOCATION_CD (location_id));
```

```
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-31 02:43',3,'et, rutrum non, hendrerit id,',4,24,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-29 13:34',3,'at, velit. Cras lorem lorem,',4,28,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-25 19:41',5,'nostra, per inceptos hymenaeos. Mauris ut',3,24,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-28 02:13',0,'penatibus et magnis dis parturient',4,23,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-30 14:13',4,'sit amet, consectetuer adipiscing elit.',2,26,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-30 20:24',5,'tempus risus. Donec egestas. Duis',5,23,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-28 06:05',1,'Suspendisse commodo tincidunt nibh. Phasellus',5,28,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-31 14:46',0,'penatibus et magnis dis parturient',5,26,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-26 03:45',0,'pharetra ut, pharetra sed, hendrerit a,',5,25,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-29 03:06',1,'neque. Nullam ut nisi a',2,23,NULL);
```

```
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-29 08:09',5,'justo nec ante. Maecenas mi felis,',5,26,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-28 06:54',2,'adipiscing, enim mi tempor lorem, eget',2,27,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-27 17:32',1,'Nulla eget metus eu erat',5,25,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-26 11:49',2,'ut, molestie in, tempus eu, ligula.',5,23,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-30 15:44',3,'Suspendisse commodo tincidunt nibh. Phasellus',4,28,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-29 06:14',2,'a tortor. Nunc commodo auctor',5,28,NULL);
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-11 04:29',2,'eu, ultrices sit amet, risus. Donec nibh',1,10,'2021-03-12
04:29');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-02-14 02:50',4,'egestas. Aliquam nec enim. Nunc ut',2,25,'2021-02-15 02:50');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-16 01:35',2,'luctus. Curabitur egestas nunc sed libero.
Proin',3,21,'2021-03-17 01:35');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-01-30 15:38',3,'neque sed dictum eleifend, nunc',4,5,'2021-01-31 15:38');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-02-02 19:21',5,'ante. Maecenas mi felis, adipiscing fringilla,',5,15,'2021-02-03
19:21');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-02-05 02:08',4,'quis diam. Pellentesque habitant morbi
tristique',6,26,'2021-02-06 02:08');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-13 19:51',2,'sed orci lobortis augue scelerisque',7,30,'2020-12-14 19:51');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-19 23:32',3,'Duis mi enim, condimentum eget,',8,16,'2020-12-20 23:32');
```

```
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-30 02:54',4,'facilisis, magna tellus faucibus leo, in lobortis',9,23,'2021-03-31
02:54');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-02 20:58',5,'orci. Donec nibh. Quisque nonummy',10,26,'2021-03-03
20:58');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-05 19:19',4,'odio sagittis semper. Nam tempor',11,13,'2020-12-06 19:19');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-02-27 00:23',5,'ipsum leo elementum sem, vitae',12,8,'2021-02-28 00:23');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-17 19:08',3,'cursus vestibulum. Mauris magna. Duis dignissim
tempor',13,2,'2020-12-18 19:08');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-16 07:30',1,'fringilla cursus purus. Nullam scelerisque neque
sed',14,24,'2020-12-17 07:30');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-07 10:55',1,'eleifend, nunc risus varius orci,',15,20,'2021-03-08 10:55');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-31 17:31',2,'Nunc sed orci lobortis augue scelerisque mollis.
Phasellus',16,25,'2021-01-01 17:31');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-04 15:22',5,'Fusce fermentum fermentum arcu. Vestibulum
ante',17,28,'2020-12-05 15:22');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-30 18:26',1,'dui, semper et, lacinia vitae, sodales at,
velit.',18,27,'2021-03-31 18:26');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-17 20:53',4,'habitant morbi tristique senectus et',19,19,'2020-12-18 20:53');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-05 17:13',5,'eu dolor egestas rhoncus. Proin',20,5,'2021-03-06 17:13');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-01-28 04:54',3,'eros. Proin ultrices. Duis volutpat',21,21,'2021-01-29 04:54');
```

```
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-30 20:40',5,'ac ipsum. Phasellus vitae mauris sit amet',22,2,'2021-03-31
20:40');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-15 08:38',5,'cursus et, magna. Praesent interdum',23,19,'2021-03-16
08:38');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-13 17:43',2,'semper erat, in consectetuer ipsum',24,5,'2021-03-14 17:43');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-21 07:07',1,'lacinia mattis. Integer eu lacus. Quisque
imperdiet,',25,6,'2021-03-22 07:07');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-02 18:26',5,'aliquam iaculis, lacus pede sagittis',26,10,'2020-12-03 18:26');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-02-08 08:08',3,'lectus convallis est, vitae sodales nisi magna
sed',27,18,'2021-02-09 08:08');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-26 02:16',3,'orci, consectetuer euismod est arcu ac orci.',28,18,'2021-03-27
02:16');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-29 14:43',2,'a, facilisis non, bibendum sed, est.',29,6,'2020-12-30 14:43');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-26 17:55',4,'id risus quis diam luctus',30,8,'2021-03-27 17:55');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-01-08 20:10',4,'ac, eleifend vitae, erat. Vivamus nisi. Mauris
nulla.',31,18,'2021-01-09 20:10');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-02-15 06:50',1,'ornare tortor at risus. Nunc ac',32,3,'2021-02-16 06:50');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-01-27 22:03',3,'metus. In nec orci. Donec',33,1,'2021-01-28 22:03');
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2020-12-25 08:58',1,'tellus, imperdiet non, vestibulum nec, euismod
in,',34,7,'2020-12-26 08:58');
```

```
INSERT INTO
CHECKIN_RECORD(checkin_time,rating,comment,person_id,location_id,checkout_time)
VALUES ('2021-03-20 20:03',3,'pede blandit congue. In scelerisque scelerisque
dui.',35,18,'2021-03-21 20:03');
```

12. RELATE_TO

```
CREATE TABLE RELATE_TO(
        person_id INT NOT NULL,
        family_id INT NOT NULL,
        relationship NVARCHAR(8) NOT NULL,
        PRIMARY KEY(person_id, family_id),
        FOREIGN KEY(person_id) REFERENCES PERSON(person_id));
```

```
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (1,100,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (2,99,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (3,98,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (4,97,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (5,96,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (6,95,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (7,94,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (8,93,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (9,92,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (10,91,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (11,90,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (12,89,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (13,88,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (14,87,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (15,86,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (16,85,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (17,84,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (18,83,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (19,82,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (20,81,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (21,80,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (22,79,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (23,78,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (24,77,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (25,76,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (26,75,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (27,74,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (28,73,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (29,72,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (30,71,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (31,70,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (32,69,'mother');
```

```
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (33,68,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (34,67,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (35,66,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (36,65,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (37,64,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (38,63,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (39,62,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (40,61,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (41,60,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (42,59,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (43,58,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (44,57,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (45,56,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (46,55,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (47,54,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (48,53,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (49,52,'father');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (50,51,'mother');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (51,50,'daughter');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (52,49,'daughter');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (53,48,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (54,47,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (55,46,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (56,45,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (57,44,'daughter');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (58,43,'daughter');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (59,42,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (60,41,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (61,40,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (62,39,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (63,38,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (64,37,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (65,36,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (66,35,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (67,34,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (68,33,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (69,32,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (70,31,'daughter');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (71,30,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (72,29,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (73,28,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (74,27,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (75,26,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (76,25,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (77,24,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (78,23,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (79,22,'son');
```

```
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (80,21,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (81,20,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (82,19,'daughter');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (83,18,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (84,17,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (85,16,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (86,15,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (87,14,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (88,13,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (89,12,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (90,11,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (91,10,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (92,9,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (93,8,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (94,7,'daughter');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (95,6,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (96,5,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (97,4,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (98,3,'spouse');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (99,2,'son');
INSERT INTO RELATE_TO(person1,person2,relationship) VALUES (100,1,'son');
```

13. CONTAIN

```
CREATE TABLE CONTAIN(
        category_name VARCHAR(30) NOT NULL,
        subcategory_name VARCHAR(30) NOT NULL,
        PRIMARY KEY(category_name, subcategory_name));
```

```
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Bank','ATMS');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Bank','Bank
Branches');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Beauty &
Wellness','Cosetics & Fragrances');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Beauty &
Wellness','Health & Personal Care');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Beauty &
Wellness','Supplements');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Beauty &
Wellness','Beauty Treatment & Spa');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Books &
Stationery','Stationery Store');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Books &
Stationery','Book Store');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Department
Store','Value Store');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Department
Store','Japanese Department Store');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Education','Tuition
```

```
Centre');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Education','Music
School');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Electronic &
Technology','Gadgets');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Electronic &
Technology','Computers');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Fashion &
Accessories','Sunglasses & Optical');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Fashion &
Accessories','Apparel');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Fashion &
Accessories','Bags & Shoes');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Food &
Beverage','Bakery & Confectionery');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Food &
Beverage','Cafe & Dessert Bar');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Food &
Beverage','Fast Food');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Food &
Beverage','Food Court');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Food &
Beverage','Japanese Cuisine');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Food &
Beverage','Korean Cuisine');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Food &
Beverage','Restaurant');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Food &
Beverage','Singapore Local Delights');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Home &
Furnishings','Furniture');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Home &
Furnishings','Home Decorations');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Jewellery','Rings');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES
('Jewellery','Necklaces');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Jewellery','Bracelets');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Jewellery','Watches');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Leisure &
Entertainment','Art, Music & Craft');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Leisure &
Entertainment','Games, Novelties & Collections');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Leisure &
Entertainment','Gifts & Souvenirs');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Leisure &
Entertainment','Pets');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Lifestyle','Sports');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Lifestyle','Outdoor
Equipments');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES ('Services','General
Services');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES
('Services','Telecommunications');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES
```

```
('Supermarket','Specialty Mart');
INSERT INTO CONTAIN(category_name,subcategory_name) VALUES
('Supermarket','Grocery Store');
```

14. ABOUT

```
CREATE TABLE ABOUT (
        location_id INT NOT NULL,
        discussion_id INT NOT NULL,
        PRIMARY KEY (location_id, discussion_id),
        FOREIGN KEY(location_id) REFERENCES LOCATION_CD(location_id)
        FOREIGN KEY(discussion_id) REFERENCES DISCUSSION_FORUM(discussion_id));
```

```
INSERT INTO ABOUT(location_id,discussion_id) VALUES (6,66);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (15,88);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (10,39);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (32,56);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (25,29);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (43,41);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (25,8);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (29,14);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (48,18);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (23,87);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (32,8);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (23,49);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (46,11);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (28,74);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (40,45);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (1,3);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (21,23);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (50,42);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (44,52);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (29,83);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (48,91);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (20,29);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (49,76);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (8,93);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (40,76);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (3,14);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (10,73);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (5,78);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (23,87);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (39,51);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (29,54);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (27,87);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (42,38);
```

```
INSERT INTO ABOUT(location_id,discussion_id) VALUES (33,42);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (10,35);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (47,19);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (36,73);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (41,65);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (41,90);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (47,28);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (19,19);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (1,39);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (27,18);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (45,15);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (33,62);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (48,15);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (3,45);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (2,55);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (28,36);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (1,94);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (23,41);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (11,73);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (44,87);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (47,73);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (17,70);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (34,60);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (33,32);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (3,11);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (1,41);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (32,52);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (11,88);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (19,74);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (6,61);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (7,95);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (20,29);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (20,96);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (7,93);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (15,90);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (27,40);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (3,98);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (19,8);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (20,21);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (34,85);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (36,64);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (9,22);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (16,77);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (31,47);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (6,94);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (26,17);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (11,65);
```

```
INSERT INTO ABOUT(location_id,discussion_id) VALUES (32,97);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (36,72);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (3,39);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (37,53);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (49,62);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (43,8);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (30,20);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (42,10);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (22,42);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (17,93);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (42,13);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (50,49);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (39,76);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (20,70);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (26,92);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (12,46);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (28,66);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (29,94);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (29,68);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (36,89);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (26,25);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (33,69);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (50,20);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (14,12);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (39,24);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (18,89);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (19,10);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (11,91);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (35,48);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (26,99);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (28,25);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (38,31);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (42,57);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (9,36);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (42,84);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (37,67);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (22,19);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (46,90);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (10,5);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (45,28);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (21,13);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (48,32);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (42,13);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (16,93);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (35,81);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (29,13);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (26,92);
```

```
INSERT INTO ABOUT(location_id,discussion_id) VALUES (7,31);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (8,79);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (48,25);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (42,55);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (27,43);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (49,92);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (25,51);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (3,55);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (23,88);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (23,32);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (22,38);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (21,20);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (29,4);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (31,7);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (12,33);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (30,19);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (24,37);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (29,66);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (15,73);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (18,25);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (36,80);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (20,73);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (44,39);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (14,70);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (42,71);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (12,27);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (15,80);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (44,69);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (50,10);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (15,38);
INSERT INTO ABOUT(location_id,discussion_id) VALUES (2,75);
```

15. ASSOCIATE

```
CREATE TABLE ASSOCIATE (
        category_name VARCHAR(30)NOT NULL,
        location_id INT NOT NULL,
        PRIMARY KEY (category_name, location_id),
        FOREIGN KEY(location_id) REFERENCES LOCATION_CD(location_id),
        FOREIGN KEY(category_name) REFERENCES CATEGORY(category_name)
```

```
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (1,'Leisure & Entertainment');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (2,'Services');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (3,'Education');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (4,'Food & Beverage');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (5,'Lifestyle');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (6,'Leisure & Entertainment');
```

```
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (7,'Electronic & Technology');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (8,'Food & Beverage');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (9,'Books & Stationery');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (10,'Education');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (11,'Lifestyle');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (12,'Electronic &
Technology');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (13,'Food & Beverage');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (14,'Bank');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (15,'Beauty & Wellness');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (16,'Food & Beverage');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (17,'Electronic &
Technology');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (18,'Supermarket');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (19,'Jewellery');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (20,'Fashion & Accessories');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (21,'Department Store');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (22,'Home & Furnishings');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (23,'Services');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (24,'Department Store');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (25,'Services');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (26,'Jewellery');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (27,'Home & Furnishings');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (28,'Department Store');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (29,'Supermarket');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (30,'Department Store');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (31,'Department Store');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (32,'Lifestyle');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (33,'Bank');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (34,'Books & Stationery');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (35,'Department Store');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (36,'Beauty & Wellness');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (37,'Electronic &
Technology');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (38,'Services');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (39,'Supermarket');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (40,'Leisure &
Entertainment');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (41,'Supermarket');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (42,'Bank');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (43,'Leisure &
Entertainment');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (44,'Leisure &
Entertainment');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (45,'Lifestyle');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (46,'Books & Stationery');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (47,'Services');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (48,'Leisure &
Entertainment');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (49,'Supermarket');
INSERT INTO ASSOCIATE(location_id,category_name) VALUES (50,'Services');
```

16. COMMENT

```
CREATE TABLE COMMENT(
        person_id INT NOT NULL,
        discussion_id INT NOT NULL,
        time DATETIME NOT NULL,
        text NVARCHAR(512) NOT NULL,
        PRIMARY KEY(person_id, discussion_id, time)
        FOREIGN KEY (person_id) REFERENCES PERSON(person_id),
        FOREIGN KEY (discussion_id) REFERENCES DISCUSSION_FORUM(discussion_id));
```

```
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (91,29,'2021-02-27 08:41','Ut tellus. Nulla ut erat id mauris vulputate elementum. Nullam varius.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (24,1,'2021-03-11 15:33','Suspendisse potenti. In eleifend quam a odio.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (94,41,'2021-02-27 22:30','Praesent id massa id nisl venenatis lacinia. Aenean sit amet justo. Morbi ut odio.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (21,1,'2021-03-23 11:08','Integer ac leo. Pellentesque ultrices mattis odio.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (47,40,'2021-03-18 16:51','Vivamus metus arcu, adipiscing molestie, hendrerit at, vulputate vitae, nisl.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (65,22,'2021-03-01 12:58','Proin leo odio, porttitor id, consequat in, consequat ut, nulla. Sed accumsan felis.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (88,14,'2021-02-20 15:27','Integer pede justo, lacinia eget, tincidunt eget, tempus vel, pede.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (46,73,'2021-02-23 03:58','Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Etiam vel augue.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (68,8,'2021-03-12 11:26','Aenean auctor gravida sem. Praesent id massa id nisl venenatis lacinia. Aenean sit amet justo.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (41,93,'2021-02-28 23:35','Maecenas rhoncus aliquam lacus. Morbi quis tortor id nulla ultrices aliquet.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (42,33,'2021-03-02 02:47','In sagittis dui vel nisl.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (24,21,'2021-03-10 06:56','Proin risus. Praesent lectus.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (70,7,'2021-02-23 07:00','Quisque ut erat.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (49,52,'2021-03-20 17:32','Fusce consequat.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (90,61,'2021-03-25 08:24','Fusce posuere felis sed lacus. Morbi sem mauris, laoreet ut, rhoncus aliquet, pulvinar sed, nisl.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (46,38,'2021-02-22 14:37','Curabitur in libero ut massa volutpat convallis.');
```

```
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (79,58,'2021-02-24 05:30','Mauris enim leo, rhoncus sed, vestibulum sit amet, cursus id, turpis. Integer aliquet, massa id lobortis convallis, tortor risus dapibus augue, vel accumsan tellus nisi eu orci.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (84,24,'2021-03-11 19:34','Donec quis orci eget orci vehicula condimentum. Curabitur in libero ut massa volutpat convallis.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (89,45,'2021-03-13 13:13','Morbi ut odio.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (69,100,'2021-03-25 18:50','Curabitur gravida nisi at nibh.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (5,32,'2021-03-07 01:10','Phasellus id sapien in sapien iaculis congue.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (78,19,'2021-02-21 04:31','Vestibulum ac est lacinia nisi venenatis tristique. Fusce congue, diam id ornare imperdiet, sapien urna pretium nisl, ut volutpat sapien arcu sed augue. Aliquam erat volutpat.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (21,85,'2021-03-17 20:27','Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (81,93,'2021-03-04 12:05','Morbi quis tortor id nulla ultrices aliquet. Maecenas leo odio, condimentum id, luctus nec, molestie sed, justo. Pellentesque viverra pede ac diam.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (57,29,'2021-03-09 03:17','Morbi vestibulum, velit id pretium iaculis, diam erat fermentum justo, nec condimentum neque sapien placerat ante. Nulla justo. Aliquam quis turpis eget elit sodales scelerisque.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (29,95,'2021-03-19 04:42','Curabitur in libero ut massa volutpat convallis. Morbi odio odio, elementum eu, interdum eu, tincidunt in, leo.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (84,83,'2021-03-10 06:37','Quisque porta volutpat erat. Quisque erat eros, viverra eget, congue eget, semper rutrum, nulla.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (63,42,'2021-03-11 12:59','In est risus, auctor sed, tristique in, tempus sit amet, sem. Fusce consequat.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (29,21,'2021-03-07 20:32','Morbi ut odio. Cras mi pede, malesuada in, imperdiet et, commodo vulputate, justo.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (81,28,'2021-03-18 06:46','Vestibulum sed magna at nunc commodo placerat.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (46,93,'2021-03-03 00:18','Fusce lacus purus, aliquet at, feugiat non, pretium quis, lectus. Suspendisse potenti.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (61,64,'2021-02-28 08:38','Praesent blandit. Nam nulla.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (85,63,'2021-03-05 16:28','Aenean auctor gravida sem.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (18,70,'2021-03-11 08:57','Morbi porttitor lorem id ligula.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (93,18,'2021-03-10 12:18','Nam dui. Proin leo odio, porttitor id, consequat in, consequat ut, nulla. Sed accumsan felis.');
```

```
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (19,71,'2021-03-25 03:28','Integer pede justo, lacinia eget, tincidunt eget, tempus vel, pede. Morbi porttitor lorem id ligula. Suspendisse ornare consequat lectus.');

INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (76,13,'2021-03-05 05:08','Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Vivamus vestibulum sagittis sapien.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (33,41,'2021-03-18 03:34','Nulla ut erat id mauris vulputate elementum.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (32,85,'2021-02-25 00:00','Integer aliquet, massa id lobortis convallis, tortor risus dapibus augue, vel accumsan tellus nisi eu orci.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (84,13,'2021-02-25 16:34','Duis aliquam convallis nunc. Proin at turpis a pede posuere nonummy.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (10,11,'2021-03-25 05:37','Nunc purus. Phasellus in felis. Donec semper sapien a libero.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (98,71,'2021-02-23 05:24','Morbi non lectus. Aliquam sit amet diam in magna bibendum imperdiet.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (2,15,'2021-02-23 21:40','Donec quis orci eget orci vehicula condimentum.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (1,98,'2021-03-04 14:19','Aenean sit amet justo. Morbi ut odio.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (31,67,'2021-03-12 14:43','Phasellus in felis. Donec semper sapien a libero. Nam dui.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (19,10,'2021-03-19 08:02','Curabitur convallis. Duis consequat dui nec nisi volutpat eleifend. Donec ut dolor.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (1,25,'2021-03-29 00:56','Sed ante.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (81,18,'2021-03-28 02:37','Maecenas rhoncus aliquam lacus.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (19,61,'2021-02-25 05:26','Nam dui.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (32,52,'2021-03-17 05:15','Vivamus vestibulum sagittis sapien.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (82,10,'2021-03-07 07:29','Vivamus in felis eu sapien cursus vestibulum. Proin eu mi. Nulla ac enim.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (71,3,'2021-03-14 17:45','Integer non velit. Donec diam neque, vestibulum eget, vulputate ut, ultrices vel, augue.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (96,75,'2021-03-10 10:05','Maecenas ut massa quis augue luctus tincidunt. Nulla mollis molestie lorem. Quisque ut erat.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (85,49,'2021-03-13 16:06','Proin eu mi.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (49,54,'2021-03-03 17:31','Ut tellus. Nulla ut erat id mauris vulputate elementum. Nullam varius.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (14,97,'2021-02-20 20:31','Mauris sit amet eros.');
```

```
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (72,39,'2021-03-23 16:35','Nulla tempus.');
INSERT INTO COMMENT(person_id,discussion_id,time,text) VALUES (47,82,'2021-02-27 04:35','Vestibulum rutrum rutrum neque. Aenean auctor gravida sem. Praesent id massa id nisl venenatis lacinia.');
```

SQL Queries

1.Find the locations that receive at least 5 ratings of "5" in Dec 2020, and order them by their average ratings.

```
CREATE VIEW loc_rtlist AS
SELECT cr.location_id, location_name
FROM CHECKIN_RECORD AS cr,LOCATION_CD AS lc
WHERE cr.rating=5 AND cr.location_id = lc.location_id
GROUP BY cr.location_id,location_name
HAVING COUNT(*) >= 5

SELECT cr.location_id, location_name, AVG(cr.rating) AS ave_rating
FROM CHECKIN_RECORD AS cr JOIN Loc_rtlist AS ll
ON ll.location_id = cr.location_id
GROUP BY cr.location_id, ll.location_name
ORDER BY ave_rating
```

2.Find the companies whose posts have received the most number of comments for each week of the past month.

```
SELECT ci.company_id, ci.company_name, COUNT(c.text) as commentCount
FROM COMPANY_INFO AS ci, COMMENT AS c, ABOUT AS a
        WHERE c.discussion_id = a.discussion_id AND a.location_id = ci.location_id AND
c.time< ='2021-03-07 23:59' AND c.time>= '2021-03-01 00:00'
GROUP BY ci.company_id, ci.company_name

CREATE VIEW result_wk1 AS
SELECT company_id, company_name, commentCount
FROM company_List_wk1
WHERE commentCount in (SELECT MAX(commentCount)
                                        FROM company_List_wk1)

CREATE VIEW company_List_wk2 AS
SELECT ci.company_id, ci.company_name, COUNT(c.text) as commentCount
FROM COMPANY_INFO AS ci, COMMENT AS c, ABOUT AS a
        WHERE c.discussion_id = a.discussion_id AND a.location_id = ci.location_id AND
c.time< ='2021-03-014 23:59' AND c.time>= '2021-03-08 00:00'
GROUP BY ci.company_id, ci.company_name

CREATE VIEW result_wk2 AS
SELECT company_id, company_name, commentCount
FROM company_List_wk2
```

```
WHERE commentCount in (SELECT MAX(commentCount)
                                        FROM company_List_wk2)

CREATE VIEW company_List_wk3 AS
SELECT ci.company_id, ci.company_name, COUNT(c.text) as commentCount
FROM COMPANY_INFO AS ci, COMMENT AS c, ABOUT AS a
        WHERE c.discussion_id = a.discussion_id AND a.location_id = ci.location_id AND
c.time< ='2021-03-21 23:59' AND c.time>= '2021-03-15 00:00'
GROUP BY ci.company_id, ci.company_name

CREATE VIEW result_wk3 AS
SELECT company_id, company_name, commentCount
FROM company_List_wk3
WHERE commentCount in (SELECT MAX(commentCount)
                                        FROM company_List_wk3)

CREATE VIEW company_List_wk4 AS
SELECT ci.company_id, ci.company_name, COUNT(c.text) as commentCount
FROM COMPANY_INFO AS ci, COMMENT AS c, ABOUT AS a
        WHERE c.discussion_id = a.discussion_id AND a.location_id = ci.location_id AND
c.time< ='2021-03-28 23:59' AND c.time>= '2021-03-22 00:00'
GROUP BY ci.company_id, ci.company_name

CREATE VIEW result_wk4 AS
SELECT company_id, company_name, commentCount
FROM company_List_wk4
WHERE commentCount in (SELECT MAX(commentCount)
                                        FROM company_List_wk4)

CREATE VIEW company_List_wk5 AS
SELECT ci.company_id, ci.company_name, COUNT(c.text) as commentCount
FROM COMPANY_INFO AS ci, COMMENT AS c, ABOUT AS a
        WHERE c.discussion_id = a.discussion_id AND a.location_id = ci.location_id AND
c.time< ='2021-03-31 23:59' AND c.time>= '2021-03-29 00:00'
GROUP BY ci.company_id, ci.company_name

CREATE VIEW result_wk5 AS
SELECT company_id, company_name, commentCount
FROM company_List_wk5
WHERE commentCount in (SELECT MAX(commentCount)
                                        FROM company_List_wk5)

SELECT company_id, company_name, commentCount FROM result_wk1
SELECT company_id, company_name, commentCount FROM result_wk2
SELECT company_id, company_name, commentCount FROM result_wk3
SELECT company_id, company_name, commentCount FROM result_wk4
SELECT company_id, company_name, commentCount FROM result_wk5
```

3.Find the users who have checked in more than 10 locations every day in the last week.

```
CREATE VIEW LASTWeek AS (SELECT CAST(checkin_time AS DATE) as DayCheckin,
location_id, person_id, count(person_id) as NUM_TIMES FROM CHECKIN_RECORD
WHERE checkin_time< ='2021-03-31 23:59:59' AND checkin_time>= '2021-03-25 00:00:00'
GROUP BY CAST(checkin_time AS DATE), location_id, person_id)

create view unique_Loc_Each_Day as(select DayCheckin, person_id, count(person_id) as
NumLocations from LastWeek
group by DayCheckin,person_id)

select name, person_id from person
where person_id in (select u.person_id as ID from unique_Loc_Each_Day u
where NumLocations>=10
Group by u.person_id
having count(*)=7)
```

4.Find all the couples such that each couple has checked in at least 2 common locations on 1 Jan 2021.

```
CREATE VIEW relate_info AS(
SELECT person_id AS person1, location_id
FROM CHECKIN_RECORD as R1
WHERE R1.checkin_time<='2021-01-01 23:59:00' AND R1.checkin_time>='2021-01-01
00:00:00')

CREATE VIEW coupleINfo AS(SELECT R2.person1, R2.person2, R.location_id
FROM relate_info as R, relate_info as R1,RELATE_TO as R2
WHERE R.person1 = R2.person1 AND R1.person1 = R2.person2 AND R2.relationship =
'spouse' AND R.location_id = R1.location_id
)

SELECT person1,person2,COUNT(location_id) AS location_CNT
FROM coupleINfo
WHERE person1<person2
GROUP BY person1,person2
HAVING COUNT(location_id) >= 2
```

5.Find 5 locations ids and their names that are checked in by the most number of users in the last 10 days.

```
CREATE VIEW NUmofvisitors AS(
SELECT location_id, COUNT(person_id) AS user_Count
FROM dbo.CHECKIN_RECORD
WHERE checkin_time< ='2021-03-31 23:59:59' AND checkin_time>= '2021-03-22 00:00:00'
GROUP BY location_id)

SELECT TOP 5 Loc.location_id, Loc.location_name
FROM dbo.NUmofvisitors AS Num, dbo.LOCATION_CD as Loc
WHERE Num.location_id = Loc.location_id
ORDER BY user_Count DESC
```

6.Given a user, find the list of users that checked in the same locations with the user within 1 hour in the last week.

```
CREATE VIEW Loc_list AS
SELECT DISTINCT p.person_id, cir.checkin_time, cir.location_id
FROM PERSON AS p, LOCATION_CD AS lcd, CHECKIN_RECORD AS cir
WHERE cir.checkin_time< ='2021-03-31 23:59:59' AND cir.checkin_time>= '2021-03-25
00:00:00'

CREATE VIEW Result_List AS
SELECT ll.person_id AS given_user_id, cir2.person_id AS other_users_id, ll.location_id
FROM CHECKIN_RECORD AS cir2 JOIN Loc_list AS ll
        on ll.location_id = cir2.location_id AND ll.person_id<>cir2.person_id
WHERE datediff(mi, cir2.checkin_time, ll.checkin_time) <= 60 AND datediff(mi,
cir2.checkin_time, ll.checkin_time) >= -60

SELECT DISTINCT given_user_id, other_users_id
FROM Result_List
ORDER BY GIVEN_USER_ID
```

7.Find the persons who have been tested positive in the past 1 week in swab test whose family members having temperature >=37.6 degree at least once in the past 2 weeks.

```
CREATE VIEW posi_person AS(
SELECT DISTINCT person_id
FROM SWAB_TEST
WHERE time>='2021-03-25 00:00'AND time<='2021-03-31 23:59' AND result= 'Positive')


CREATE VIEW family_name AS(
SELECT P.person_id,  R.person2 AS family_member_id
FROM posi_person AS P, RELATE_TO AS R
WHERE P.person_id = R.person1 )


SELECT F.person_id, F.family_member_id, T.temperature
FROM TEMPERATURE AS T, family_name AS F
WHERE T.person_id = F.family_member_id AND T.time_stamp>='2021-03-18 00:00' AND
T.time_stamp<='2021-03-31 23:59' AND T.temperature>=37.6
```

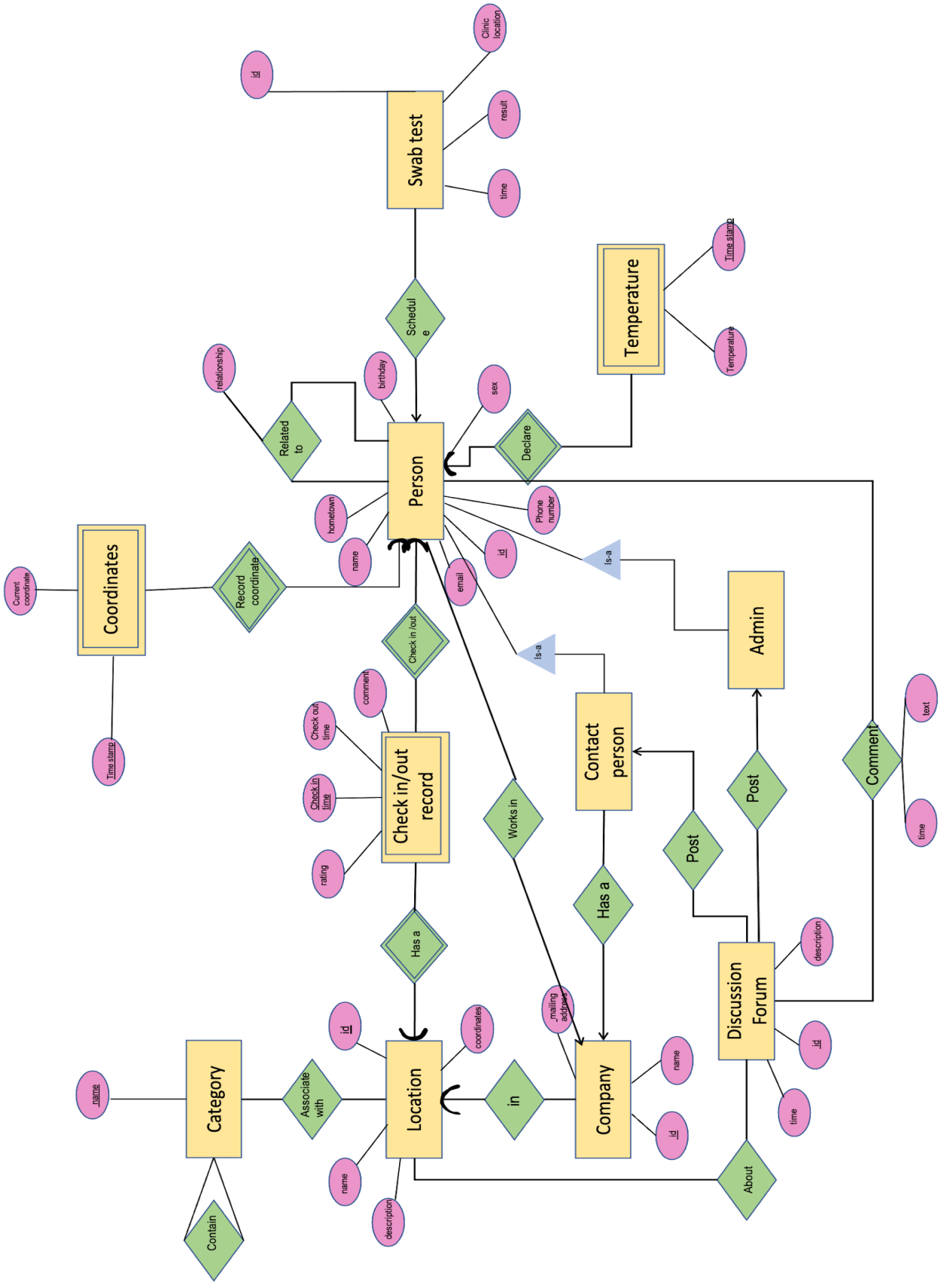
8.Write a Trigger such that if a person checks into a new location, he automatically checks out of his most recent old location.

```
CREATE TRIGGER outTrig
ON CHECKIN_RECORD
AFTER INSERT
AS
BEGIN

UPDATE CHECKIN_RECORD
SET CHECKIN_RECORD.checkout_time = inserted.checkin_time
from inserted
WHERE CHECKIN_RECORD.person_id = inserted.person_id
and CHECKIN_RECORD.checkin_time = (SELECT TOP 1 C.checkin_time
                                   FROM CHECKIN_RECORD C, inserted
                                   WHERE C.person_id = inserted.person_id AND
C.checkin_time< inserted.checkin_time
                                   ORDER BY C.checkin_time desc)

END
```

Appendix



Swab test
id
Clinic location
result
time
Schedule
Temperature
Time stamp
Temperature
Person
Related to
relationship
birthday
sex
Declare
Phone number
id
email
Is-a
Is-a
Admin
Coordinates
Current coordinate
Time stamp
Record coordinate
Check in /out
Check in/out record
comment
Check out time
Check in time
rating
Contact person
Works in
Has a
Has a
Post
Post
Comment
text
time
Discussion Forum
description
id
time
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name
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Associate with
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About