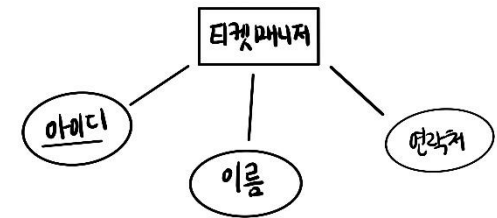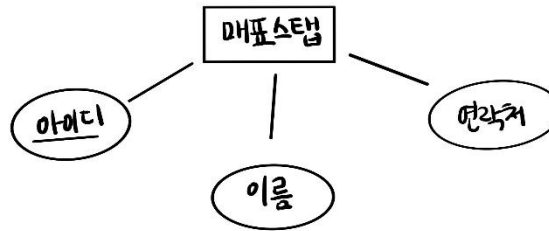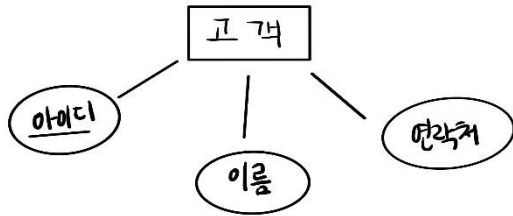# 텀프로젝트

2019112861 한국화과 장지혜

개체

고객, 매표 스탭, 티켓 매니저


```
MariaDB [PERFORM]>  CREATE TABLE USER
    -> (id CHAR(8) NOT NULL, name VARCHAR(20) NOT NULL, phonenumbe
r VARCHAR(20), PRIMARY KEY(id));
Query OK, 0 rows affected (0.046 sec)

MariaDB [PERFORM]> INSERT INTO USER VALUES
    -> ('rrkkee', '가나다', '010-1111-2222'),
    -> ('aaqqtt', '마바사', '010-33334444');
Query OK, 2 rows affected (0.026 sec)
Records: 2  Duplicates: 0  Warnings: 0

MariaDB [PERFORM]> select * from USER;
+--------+--------+---------------+
| id     | name   | phonenumber   |
+--------+--------+---------------+
| aaqqtt | 마바사 | 010-33334444  |
| rrkkee | 가나다 | 010-1111-2222 |
+--------+--------+---------------+
2 rows in set (0.001 sec)
```

```
MariaDB [PERFORM]>  CREATE TABLE STAFF
    -> (id CHAR(8) NOT NULL, name VARCHAR(20) NOT NULL, phonenumbe
r VARCHAR(20), PRIMARY KEY(id));
Query OK, 0 rows affected (0.059 sec)

MariaDB [PERFORM]> INSERT INTO STAFF VALUES
    -> ('ddwwcc', '아자차', '010-5555-6666');
Query OK, 1 row affected (0.019 sec)

MariaDB [PERFORM]> select * from STAFF;
+--------+--------+---------------+
| id     | name   | phonenumber   |
+--------+--------+---------------+
| ddwwcc | 아자차 | 010-5555-6666 |
+--------+--------+---------------+
1 row in set (0.000 sec)
```

```
MariaDB [PERFORM]> CREATE TABLE MANAGER
    -> (id CHAR(8) NOT NULL, name VARCHAR(20) NOT NULL, phonenumbe
r VARCHAR(20), PRIMARY KEY(id));
Query OK, 0 rows affected (0.047 sec)

MariaDB [PERFORM]> INSERT INTO MANAGER VALUES
    -> ('zzxxvv', '카타파', '010-7777-8888');
Query OK, 1 row affected (0.015 sec)

MariaDB [PERFORM]> select * from MANAGER;
+--------+--------+---------------+
| id     | name   | phonenumber   |
+--------+--------+---------------+
| zzxxvv | 카타파 | 010-7777-8888 |
+--------+--------+---------------+
1 row in set (0.000 sec)
```
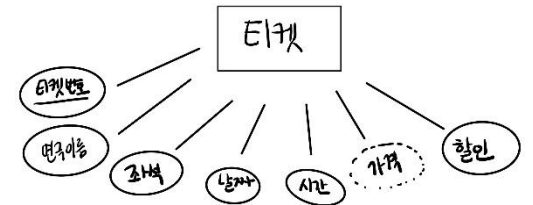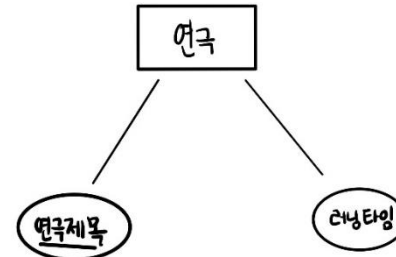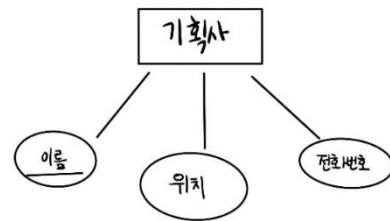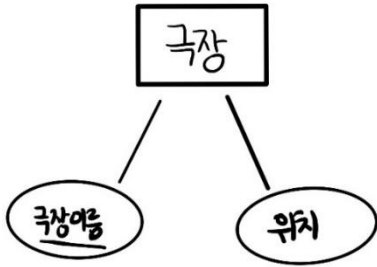
개체

극장, 기획사, 연극


```
MariaDB [PERFORM]> CREATE TABLE THEATER
    -> (NAME VARCHAR(20) NOT NULL, PLACE VARCHAR(20), KEY(NAME));
Query OK, 0 rows affected (0.050 sec)

MariaDB [PERFORM]> INSERT INTO  THEATER VALUES
    -> ('동국아트센터', '동국대학교');
Query OK, 1 row affected (0.015 sec)

MariaDB [PERFORM]> select * from theater;
+--------------+--------------+
| NAME         | PLACE        |
+--------------+--------------+
| 동국아트센터  | 동국대학교    |
+--------------+--------------+
1 row in set (0.000 sec)
```

```
MariaDB [PERFORM]> CREATE TABLE AGENCY
    -> (NAME VARCHAR(20) NOT NULL, PLACE VARCHAR(20), TELEPHONENUM
BER VARCHAR(20), KEY(NAME));
Query OK, 0 rows affected (0.050 sec)

MariaDB [PERFORM]> INSERT INTO  AGENCY VALUES
    -> ('JH컴퍼니', '서울 종로구', '070-0000-1111');
Query OK, 1 row affected (0.014 sec)

MariaDB [PERFORM]> select * from agency;
+----------+-------------+-----------------+
| NAME     | PLACE       | TELEPHONENUMBER |
+----------+-------------+-----------------+
| JH컴퍼니  | 서울 종로구  | 070-0000-1111   |
+----------+-------------+-----------------+
1 row in set (0.000 sec)
```

```
MariaDB [PERFORM]> CREATE TABLE PLAY
    -> (TITLE VARCHAR(20) NOT NULL, TIME INT, PRIMARY KEY(TITLE));
Query OK, 0 rows affected (0.048 sec)

MariaDB [PERFORM]> INSERT INTO  PLAY VALUES
    -> ('나쁜자석', 120);
Query OK, 1 row affected (0.017 sec)

MariaDB [PERFORM]> select * from play;
+----------+------+
| TITLE    | TIME |
+----------+------+
| 나쁜자석  | 120  |
+----------+------+
1 row in set (0.000 sec)
```

```
MariaDB [perform]> CREATE TABLE TICKET
    -> (number VARCHAR(20) NOT NULL, pl_title VARCHAR(20), seat VARCHAR(20),
dates VARCHAR(30), time VARCHAR(30), money INT, discount VARCHAR(20), KEY(num
ber));
Query OK, 0 rows affected (0.046 sec)

MariaDB [perform]> Insert into TICKET
    -> (select 'T012345678', pl.title, '1층 B열 5번', '20200103', '8:00', 35
000, '일반 가격' from play pl where
    -> pl.time = 120);
Query OK, 1 row affected (0.016 sec)
Records: 1 Duplicates: 0 Warnings: 0

MariaDB [perform]> Insert into TICKET
    -> (select 'T985432789', pl.title, '1층 A열 9번', '20200103', '8:00', 35
000, '일반 가격' from play pl where
    ->  pl.time = 120);
Query OK, 1 row affected (0.012 sec)
Records: 1 Duplicates: 0 Warnings: 0

MariaDB [perform]> select * from Ticket;
+-----------+----------+-------------+----------+------+-------+-----------+
| number    | pl_title | seat        | dates    | time | money | discount  |
+-----------+----------+-------------+----------+------+-------+-----------+
| T012345678| 나쁜자석  | 1층 B열 5번  | 20200103 | 8:00 | 35000 | 일반 가격  |
| T985432789| 나쁜자석  | 1층 A열 9번  | 20200103 | 8:00 | 35000 | 일반 가격  |
+-----------+----------+-------------+----------+------+-------+-----------+
2 rows in set (0.000 sec)
```

관계
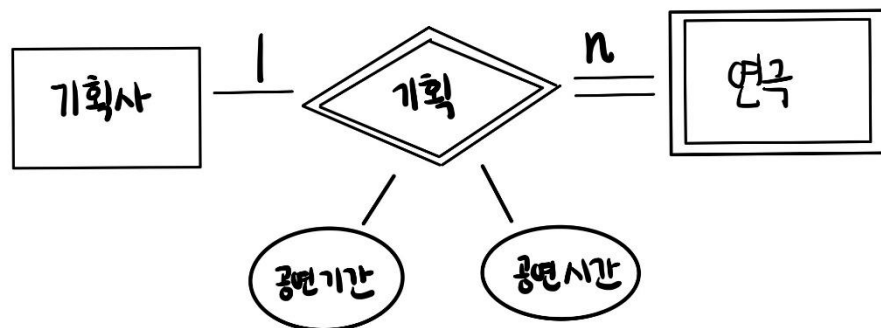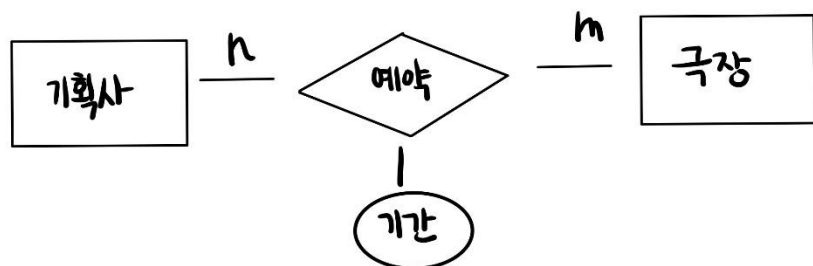

```
MariaDB [PERFORM]> CREATE TABLE RESERVATION
    -> (ag_name VARCHAR(20), th_name VARCHAR(20), PERIOD VARCHAR(20) );
Query OK, 0 rows affected (0.051 sec)

MariaDB [PERFORM]> insert into reservation
    -> (select ag.name, th.name, 90 from agency ag, theater th where
    -> ag.place = '서울시 종로구' and th.place = '동국대학교');
Query OK, 0 rows affected (0.012 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [PERFORM]>  insert into reservation values
    -> ('JH컴퍼니' , '동국아트센터' , 90);
Query OK, 1 row affected (0.012 sec)

MariaDB [PERFORM]>  select * from reservation;
+-----------+--------------+--------+
| ag_name   | th_name      | PERIOD |
+-----------+--------------+--------+
| JH컴퍼니  | 동국아트센터 | 90     |
+-----------+--------------+--------+
1 row in set (0.000 sec)
```

```
MariaDB [PERFORM]> CREATE TABLE PLAN
    -> (ag_name VARCHAR(20), pl_title VARCHAR(20), PERIOD VARCHAR(30), TIME V
ARCHAR(30));
Query OK, 0 rows affected (0.048 sec)

MariaDB [PERFORM]> Insert into PLAN
    -> (select ag.name, pl.title, '200103~200330', '5:00/8:00' from agency a
g, play pl where
    -> ag.place = '서울시 종로구' and pl.time = 120);
Query OK, 0 rows affected (0.003 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [PERFORM]> Insert into PLAN values
    -> ('JH컴퍼니' , '나쁜자석 ' , '200103~200330','5:00/8:00');
Query OK, 1 row affected (0.016 sec)

MariaDB [PERFORM]>  select * from plan;
+-----------+----------+---------------+-----------+
| ag_name   | pl_title | PERIOD        | TIME      |
+-----------+----------+---------------+-----------+
| JH컴퍼니  | 나쁜자석 | 200103~200330 | 5:00/8:00 |
+-----------+----------+---------------+-----------+
1 row in set (0.001 sec)
```

3

관계
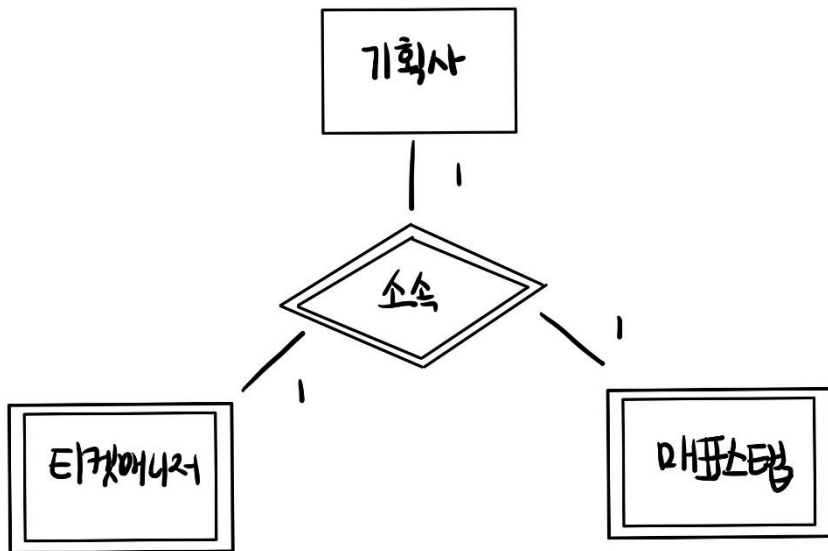
```
MariaDB [Perform]> CREATE TABLE ASSIGN
    -> (ag_name VARCHAR(20), ma_name VARCHAR(20), st_name VARCHAR(20));
Query OK, 0 rows affected (0.051 sec)

MariaDB [Perform]> insert into assign
    -> (select ag.name, ma.name, st.name from agency ag, manager ma, staff st
 where ag.place ='서울시 종로구' and ma.id ='zzxxvv' and st.id = 'ddwwcc');
Query OK, 0 rows affected (0.003 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [Perform]> insert into assign values
    -> ('JH컴퍼니','카타파','아자차');
Query OK, 1 row affected (0.002 sec)

MariaDB [Perform]> select * from assign;
+-----------+-----------+-----------+
| ag_name   | ma_name   | st_name   |
+-----------+-----------+-----------+
| JH컴퍼니  | 카타파    | 아자차    |
+-----------+-----------+-----------+
1 row in set (0.000 sec)
```

관계
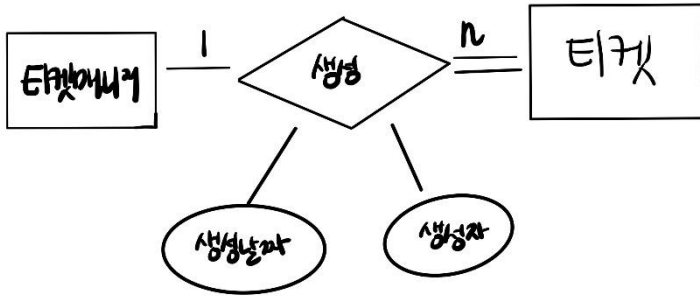

```
MariaDB [perform]> drop table ticketmake;
Query OK, 0 rows affected (0.032 sec)

MariaDB [perform]> CREATE TABLE TICKETMAKE
    -> (ti_number VARCHAR(20) NOT NULL, ti_pl_title VARCHAR(20), ti_seat VARCHAR(20), ti_dates VARCHAR(30), ti_time VARCHAR(30), ti_mo
ney INT, ti_discount VARCHAR(20), ma_id VARCHAR(20), MAKEDATE VARCHAR(20));
Query OK, 0 rows affected (0.042 sec)

MariaDB [perform]> Insert into TICKETMAKE
    -> (select ti.number, pl.title, ti.seat, ti.dates, ti.time, ti.money, ti.discount, ma.id, '20201115' from ticket ti, play pl, mana
ger ma where
    -> pl.time = 120 and ti.number = 'T012345678' and ma.id = 'zzxxvv' );
Query OK, 1 row affected (0.015 sec)
Records: 1  Duplicates: 0  Warnings: 0

MariaDB [perform]> Insert into TICKETMAKE
    ->  (select ti.number, pl.title, ti.seat, ti.dates, ti.time, ti.money, ti.discount, ma.id, '20201115' from ticket ti, play pl, man
ager ma where
    -> pl.time = 120 and ti.number = 'T985432789' and ma.id = 'zzxxvv' );
Query OK, 1 row affected (0.011 sec)
Records: 1  Duplicates: 0  Warnings: 0

MariaDB [perform]> select * from ticketmake;
+------------+-------------+-------------+----------+---------+----------+-------------+---------+----------+
| ti_number  | ti_pl_title | ti_seat     | ti_dates | ti_time | ti_money | ti_discount | ma_id   | MAKEDATE |
+------------+-------------+-------------+----------+---------+----------+-------------+---------+----------+
| T012345678 | 나쁜자석     | 1층 B열 5번  | 20200103 | 8:00    |    35000 | 일반 가격    | zzxxvv  | 20201115 |
| T985432789 | 나쁜자석     | 1층 A열 9번  | 20200103 | 8:00    |    35000 | 일반 가격    | zzxxvv  | 20201115 |
+------------+-------------+-------------+----------+---------+----------+-------------+---------+----------+
2 rows in set (0.001 sec)
```

```
MariaDB [perform]> DELETE FROM TICKET WHERE number = 'T985432789';
Query OK, 1 row affected (0.006 sec)

MariaDB [perform]> select * from ticket;
+------------+----------+-------------+----------+------+-------+----------+
| number     | pl_title | seat        | dates    | time | money | discount |
+------------+----------+-------------+----------+------+-------+----------+
| T012345678 | 나쁜자석  | 1층 B열 5번  | 20200103 | 8:00 | 35000 | 일반 가격 |
+------------+----------+-------------+----------+------+-------+----------+
1 row in set (0.000 sec)
```

관계
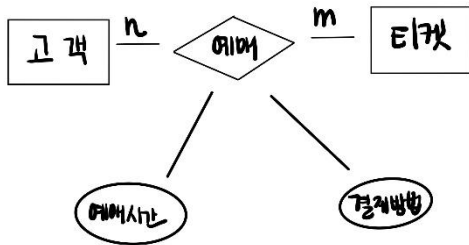
```
MariaDB [perform]> CREATE TABLE PURCHASE
    -> (ti_number VARCHAR(20), pl_title VARCHAR(20), us_id VARCHAR(20), us_name VARCHAR(20), us_phonenumber VARCHAR(20), ti_time VARCHAR(20),
ti_seat VARCHAR(20), ti_dates VARCHAR(20), ti_money INT, ti_discount VARCHAR(20), putime DATETIME, way VARCHAR(20));
Query OK, 0 rows affected (0.086 sec)

MariaDB [perform]>  Insert into PURCHASE
    -> (select ti.number ,pl.title, us.id, us.name, us.phonenumber, ti.time, ti.seat, ti.dates, ti.money, ti.discount, NOW(),'모바일 카드 결제'
 from ticket ti, User us, play pl where us.name = '가나다' and ti.number = 'T012345678 ');
Query OK, 1 row affected (0.016 sec)
Records: 1  Duplicates: 0  Warnings: 0

MariaDB [perform]> select * from purchase;
+------------+----------+--------+---------+---------------+---------+------------+---------+----------+------------+---------------------+
| ti_number  | pl_title | us_id  | us_name | us_phonenumber | ti_time | ti_seat    | ti_dates | ti_money | ti_discount | putime              |
| way        |          |
+------------+----------+--------+---------+---------------+---------+------------+---------+----------+------------+---------------------+
| T012345678 | 나쁜자석 | rrkkee | 가나다  | 010-1111-2222 | 8:00    | 1층 B열 5번 | 20200103 |    35000 | 일반 가격   | 2020-11-25 00:26:54 |
모바일 카드 결제 |
+------------+----------+--------+---------+---------------+---------+------------+---------+----------+------------+---------------------+
1 row in set (0.000 sec)
```
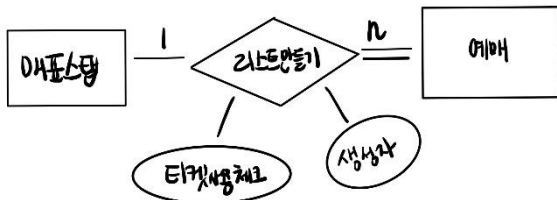
```
MariaDB [perform]> DELETE FROM PURCHASE WHERE ti_number = 'T012345678';
Query OK, 1 row affected (0.005 sec)

MariaDB [perform]> select * from purchase;
Empty set (0.000 sec)
```

관계


```
MariaDB [perform]>  create table PURCHASELIST
    -> (ti_number VARCHAR(20), pl_title VARCHAR(20), us_id VARCHAR(20), us_name VARCHAR(20), us_phonenumber VARCHAR(20), ti_time VARCHAR(20), ti_seat VARCHAR
(20), ti_dates VARCHAR(20), ti_money INT, cheak VARCHAR(20), st_id VARCHAR(20) );
Query OK, 0 rows affected (0.047 sec)

MariaDB [perform]>  Insert into PURCHASELIST
    -> (select ti.number ,pl.title, us.id, us.name, us.phonenumber, ti.time, ti.seat, ti.dates, ti.money, 'N', st.id from ticket ti, User us, play pl, staff
st where us.name = '가나다' and ti.number = 'T012345678 'and st.name ='아자차');
Query OK, 1 row affected (0.015 sec)
Records: 1  Duplicates: 0  Warnings: 0

MariaDB [perform]> select * from purchaselist;
+-----------+----------+--------+---------+----------------+---------+-----------+----------+----------+-------+--------+
| ti_number | pl_title | us_id  | us_name | us_phonenumber | ti_time | ti_seat   | ti_dates | ti_money | cheak | st_id  |
+-----------+----------+--------+---------+----------------+---------+-----------+----------+----------+-------+--------+
| T012345678 | 나쁜자석 | rrkkee | 가나다  | 010-1111-2222  | 8:00    | 1층 B열 5번 | 20200103 |    35000 | N     | ddwwcc |
+-----------+----------+--------+---------+----------------+---------+-----------+----------+----------+-------+--------+
1 row in set (0.000 sec)
```



```
MariaDB [perform]> UPDATE purchaselist SET
    -> cheak = 'Y'
    -> WHERE cheak in (SELECT cheak FROM purchaselist );
Query OK, 1 row affected (0.014 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perform]> select * from purchaselist;
+-----------+----------+--------+---------+----------------+---------+-----------+----------+----------+-------+--------+
| ti_number | pl_title | us_id  | us_name | us_phonenumber | ti_time | ti_seat   | ti_dates | ti_money | cheak | st_id  |
+-----------+----------+--------+---------+----------------+---------+-----------+----------+----------+-------+--------+
| T012345678 | 나쁜자석 | rrkkee | 가나다  | 010-1111-2222  | 8:00    | 1층 B열 5번 | 20200103 |    35000 | Y     | ddwwcc |
+-----------+----------+--------+---------+----------------+---------+-----------+----------+----------+-------+--------+
1 row in set (0.000 sec)
```