



# **ITCS241 Database Management System**

## **Project Phase II**

### **Event management (Concert)**

#### **Submitted to**

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#### **Presented by**

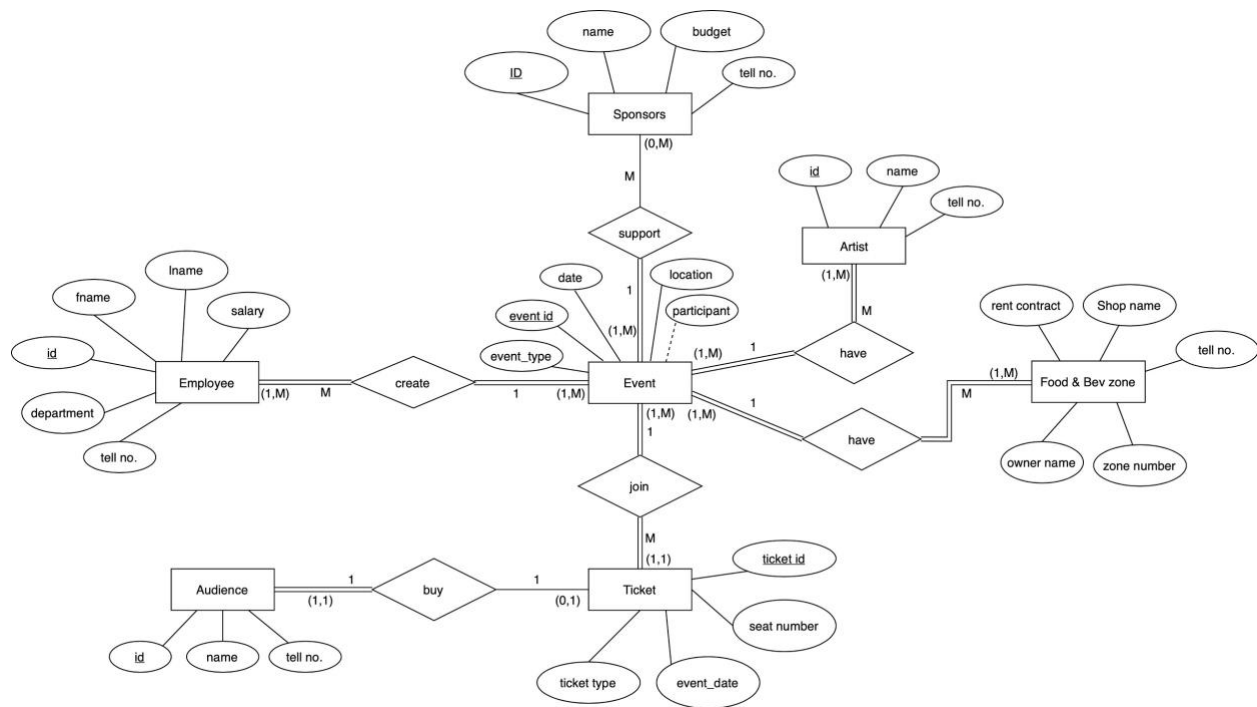
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## Revised ERD



[https://drive.google.com/file/d/11NwZ4LoLjrAa24\\_f2qGqsdho-A5RQ8LJ/view?usp=sharing](https://drive.google.com/file/d/11NwZ4LoLjrAa24_f2qGqsdho-A5RQ8LJ/view?usp=sharing)

## 8-steps to transform ERD to relational schema (step-by-step)

### Step 1 Transforming regular entity type

Employee

<u>EMP_ID</u>	EMFNAME	EMLNAME	EMSALARY	EMDEPARTMENT	EMTELLNUM
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Event

<u>EEVENT_ID</u>	ETYPE	EDATE	LOCATION
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Sponsor

<u>SPON_ID</u>	SNAME	SBUDGET	STELLNUM
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Ticket

<u>TK_ID</u>	TTYPE	TDATE	TSEAT
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Audience

<u>AUD_ID</u>	AUDNAME	AUDTELLNUM
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Food & Bev Zone

FBNAME	FBOWNER	<u>FBRENT</u>	FBZONE	FBTELLNUM
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Artist

<u>AR_ID</u>	ARNAME	ARTELL
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### Step 2 Transforming weak entity (Don't have).

### Step 3 Transforming binary 1:1 relationship types.

Ticket

<u>TK_ID</u>	TTYPE	TDATE	TSEAT
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Audience

<u>AUD_ID</u>	AUDNAME	AUDTELLNUM	AUDTK_ID
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## Step 4 Transforming binary 1:N relationship types

Employee

<u>EMP_ID</u>	EMFNAME	EMLNAME	EMSALARY	EMDEPARTMENT	EMTELLNUM	EMP_EVENT_ID
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Ticket

<u>TK_ID</u>	TTYPE	TDATE	TSEAT	TK_EVENT_ID
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Sponsor

<u>SPON_ID</u>	SNAME	SBUDGET	STELLNUM	SP_EVENT_ID
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Food & Bev Zone

FBNAME	FBOWNER	<u>FBRENT</u>	FBZONE	FBTELLNUM	FB_EVENT_ID
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Artist

<u>AR_ID</u>	ARNAME	ARTELL	AR_EVENT_ID
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Event

<u>EEVENT_ID</u>	ETYPE	EDATE	LOCATION
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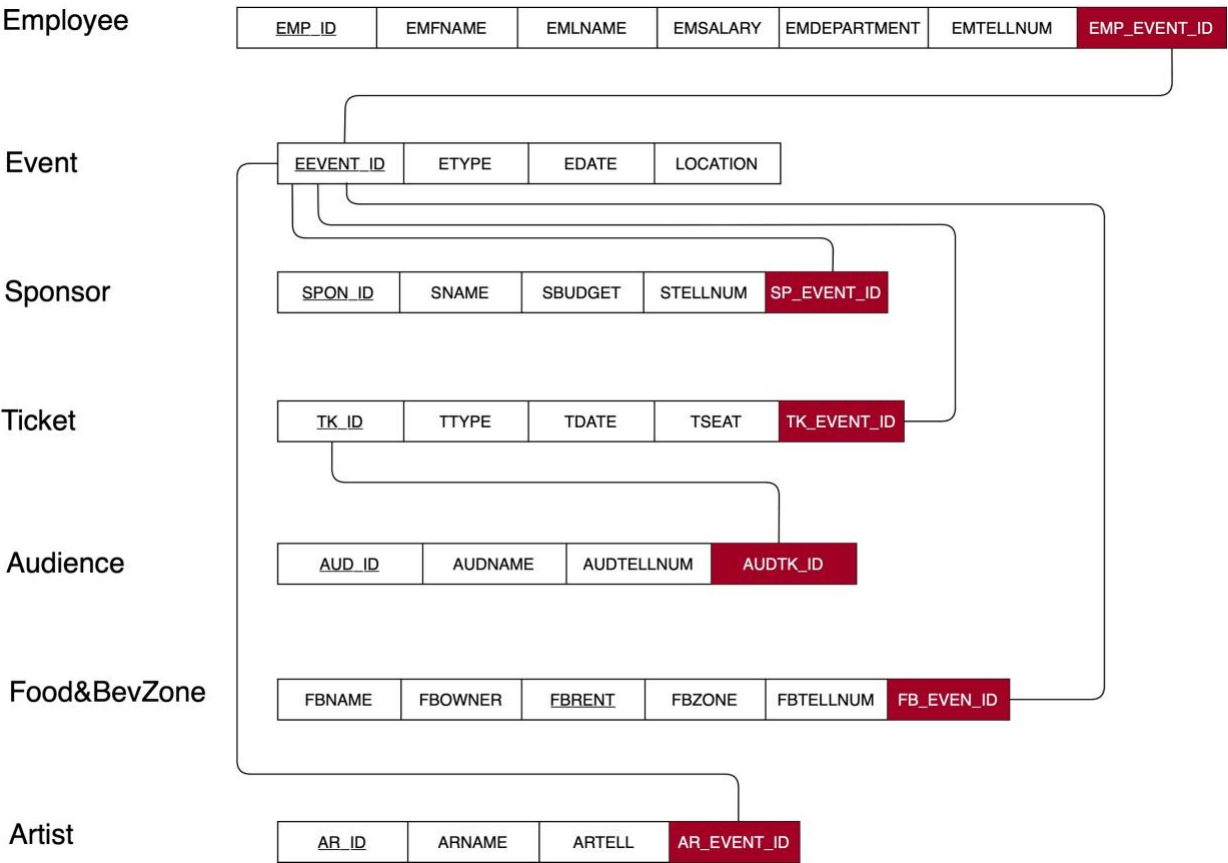
Step 5 Transforming binary M:N relationship types.(Don't have)

Step 6 Transforming multi-valued attribute A in relation K.(Don't have)

Step 7 Transforming n-ary relationship type.(Don't have)

Step 8 Transforming specialization or generalization.(Don't have)

# The final relational schema



## Data dictionary

Table name	Attribute name	Contents	Type	Format	Null able	Range	Key	FK reference
Employee	EMP_ID	Employee's ID	varchar(6)	xxxxxx			PK	
	EMPFNAME	Employee's name	nvarchar(20)	xxxxxxxx				
	EMPLNAME	Employee's lastname	nvarchar(20)	xxxxxxxx				
	EMPSALARY	Employee's salary	decimal(10,2)	12345678.89				
	EMPDEPARTMENT	Employee's department	nvarchar(100)	xxxxxx				
Event	EEVENT_ID	Event 's ID	varchar(6)	xxxxxx			FK	EEVENT_ID[EVENT]
	EEVENT_ID	Event 's ID	varchar(6)	xxxxxx			PK	
	ETYPE	Event 's type	nvarchar(2)	xx				
	EDATE	Event 's date	date	yyyy-mm-dd				
	ELOCATION	Event 's location	nvarchar(100)	xxxxxx				
Sponsor	SP_ID	Sponsor 's ID	varchar(6)	xxxxxx			PK	
	SPNAME	Sponsor 's name	nvarchar(20)	xxxxxxxx				
	SPBUDGET	Sponsor 's budget	decimal(10,2)	12345678.89				
	EEVENT_ID	Event 's ID	varchar(6)	xxxxxx			FK	EEVENT_ID[EVENT]
Ticket	TK_ID	Ticket 's ID	varchar(6)	xxxxxx			PK	
	TKTYPE	Ticket 's type	char(2)	XX		GA,VP,RS,MP,OP,ED,CD		
	TKEXP	Ticket's EXP	date	yyyy-mm-dd				
	EEVENT_ID	Event 's ID	varchar(6)	xxxxxx			FK	EEVENT_ID[EVENT]
Audience	AUD_ID	Audience 's id	varchar(4)	xxxx			PK	
	AUDNAME	Audience 's name	varchar(20)	xxxxxxxx				
	TK_ID	Ticket 's ID	varchar(6)	xxxxxx			FK	TK_ID[Ticket]
Food & Bev Zone	FBNAME	Food & Bev 's name	nvarchar(40)	Xxxxxx				
	FBOWNER	Owner name	nvarchar(100)	xxxxxxxx				
	FBRENT	Food & Bev 's rent contrac	Int(6)	123456			PK	
	FBZONE	Food & Bev 's zone	char(1)	x		A to D		
Artist	AR_ID	Artist 's ID	varchar()	xxxxxx			PK	
	ARNAME	Artist 's name	nvarchar(100)	xxxxxxxx				

## List of Data Definition Language (DDL) queries

1. **Description :** Create events table, this table is a Master table.

**SQL Command:**

```
CREATE TABLE events(  
    EEVENT_ID      varchar(4)      NOT NULL    primary key,  
    ETYPE          nvarchar(2)     NOT NULL,  
    EDATE          date            NOT NULL,  
    ELOCATION        nvarchar(100)   NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;
```

2. **Description :** Create an employee table ,this table is a Master table.

**SQL Command:**

```
CREATE TABLE employee(  
    EMP_ID          varchar(6)      NOT NULL    primary key,  
    EMP_FNAME       nvarchar(20)    NOT NULL,  
    EMP_LNAME       nvarchar(20)    NOT NULL,  
    EMP_SALARY       decimal(10,2)   NOT NULL,  
    EMP_DEPARTMENT  varchar(100)    NOT NULL,  
    EEVENT_ID       varchar(4)      NOT NULL,  
    EMTELLNUM       varchar(12)  
)ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;
```

3. **Description :** Create a sponsor table,this table is a Transaction table.

**SQL Command:**

```
CREATE TABLE sponsor(  
    SP_ID          varchar(6)      NOT NULL primary key,  
    SPNAME         nvarchar(20)    NOT NULL,  
    SPBUDGET        decimal(10,2)   NOT NULL,  
    EEVENT_ID       varchar(4)      NOT NULL,  
    SPTELLNUM       varchar(12)  
    -- CONSTRAINT FK_EventSpon FOREIGN KEY (EEVENT_ID) REFERENCES events(EEVENT_ID)  
)
```

4. **Description :** Create a ticket table, this table is a Transaction table.

**SQL Command:**

```
CREATE TABLE ticket(  
    TK_ID          varchar(6)    NOT NULL    primary key,  
    TKTYPE         char(2)       NOT NULL,  
    TKDATE         date          NOT NULL,  
    EEVENT_ID      varchar(4)    NOT NULL,  
    TSEAT          varchar(3)  
    -- CONSTRAINT FK_EventTk FOREIGN KEY (EEVENT_ID) REFERENCES events(EEVENT_ID)  
);
```

5. **Description :** Create an audience table, this table is a Transaction table.

**SQL Command:**

```
CREATE TABLE audience(  
    AUD_ID         varchar(4)     NOT NULL    primary key,  
    AUDNAME        varchar(20)    NOT NULL,  
    TK_ID          varchar(6)     NOT NULL,  
    AUDTELLNUM     varchar(12)  
    -- CONSTRAINT FK_EventAUD FOREIGN KEY (EEVENT_ID) REFERENCES events(EEVENT_ID)  
);
```

6. **Description :** Create a food and beverage zone table, this table is a Transaction table.

**SQL Command:**

```
CREATE TABLE foodbevzone(  
    FBNAME         nvarchar(60)   NOT NULL,  
    FBOWER         nvarchar(100)  NOT NULL,  
    FBRENT         int(6)         NOT NULL,  
    FBTELLNUM      varchar(12),  
    EEVENT_ID      varchar(4)     NOT NULL,  
    FBZONE         char(1)        NOT NULL,  
    CONSTRAINT CHK_FBZONE CHECK (FBZONE in ('A','B','C','D','E','F','G','H','I','J','K','L'))  
);
```



7. **Description** : Create an artist table, this table is a Transaction table.

**SQL Command:**

```
CREATE TABLE artist(  
  AR_ID          varchar(4)      NOT NULL primary key,  
  ARNAME         nvarchar(100)   NOT NULL,  
  EEVENT_ID      varchar(4)      NOT NULL,  
  ARTELLNUM      varchar(12)  
);
```

8. **Description** : Add a gender column for the audience.

**SQL Command :**

```
ALTER TABLE audience  
ADD GENDER char(1);
```

9. **Description** : Delete a gender column of the audience.

**SQL Command :**

```
ALTER TABLE audience  
DROP COLUMN GENDER;
```

## List of INSERT, UPDATE, and DELETE queries

1. **Description :** Insert a new record of events.

### SQL Command:

```
INSERT INTO events ( EEVENT_ID, ETYPE, EDATE, ELOCATION) VALUES
('1001', 'PE', '2020-01-07', '250 Rt 59, Airmont NY 10901'),
('1004', 'PE', '2020-02-12', '297 Grant Avenue,Auburn NY 13021'),
('2006', 'CE', '2021-06-02', '3949 Route 31, Clay NY 13041'),
('3002', 'LE', '2022-09-12', '30 Catskill, Catskill NY 12414'),
('2008', 'LE', '2021-10-02', '311 RT 9W, Glenmont NY 12077'),
('1007', 'OE', '2020-05-15', '1549 Rt 9, Halfmoon NY 12065'),
('1008', 'CE', '2020-07-17', '425 Route 31, Macedon NY 14502'),
('2005', 'CE', '2021-02-12', '288 Larkin, Monroe NY 10950'),
('2012', 'OE', '2021-12-02', '650 Main Ave, Norwalk CT 6851'),
('1009', 'CE', '2020-12-23', '180 River Rd, Lisbon CT 6351');
```

2. **Description :** Insert a new record of employees.

### SQL Command:

```
INSERT INTO employee ( EMP_ID, EMP_FNAME, EMP_LNAME, EMP_SALARY, EMP_DEPARTMENT, EEVENT_ID, EMTELLNUM) VALUES
('034365', 'Naruto', 'Uzumaki', 50000, 'Event Management', '2005', NULL),
('034369', 'Sasuke', 'Uchiha', 49000, 'Event Designs', '2008', '093-231-8764'),
('034345', 'Sakura', 'Haruno', 48000, 'Event Coordination', '1008', '082-452-1235'),
('034341', 'Kakashi', 'Hatake', 50000, 'Event Management', '1007', NULL),
('034111', 'Boruto', 'Uzumaki', 49000, 'Event Designs', '2006', '084-392-8871'),
('034257', 'Sarada', 'Uchiha', 52000, 'Special Event Planning Service', '1004', '080-047-9735'),
('034777', 'Neji', 'Hyuga', 28000, 'Workshops/Seminars training', '3002', NULL),
('034546', 'Hinata', 'Hyuga', 47000, 'Event Entertainment', '1009', '096-327-4658'),
('034648', 'Kiba', 'Inuzuka', 30000, 'Conference and Venue Sourcing Service', '2005', '094-483-6158'),
('034554', 'Shino', 'Aburame', 30000, 'Conference and Venue Sourcing Service', '1001', '096-887-6314');
```

### 3. Description : Insert a new record of sponsors.

#### SQL Command:

```
INSERT INTO sponsor ( SP_ID, SPNAME, SPBUDGET, EEVENT_ID, SPTELLNUM) VALUES
('115131', 'Amazon Web Services'          ,1000000 , '1007' , '081-810-4724'),
('115132', 'McDonalds'                    ,100000  , '2005' , '080-591-9473'),
('115133', 'Puma'                          ,250000  , '1009' , '080-591-9573'),
('115134', 'PepsiCo'                      ,500000  , '2006' , '080-591-9637'),
('123201', 'BIG HIT ENTERTAINMENT'        ,300000  , '1008' , '080-592-3573'),
('123202', 'BRAVADO'                      ,120000  , '1009' , '080-592-3727'),
('123203', 'SAMGSOM'                      ,340000  , '1001' , '080-592-3937'),
('123204', 'Blend 285'                    ,85000   , '1007' , '080-592-5137'),
('123255', 'Johnny Walker'                ,850000  , '2008' , '080-592-5727'),
('123256', 'Regency'                     ,600000  , '3002' , '080-592-5873'),
('123257', 'Jack Daniel'                  ,1000000 , '1004' , '080-592-5972'),
('123244', 'NVAK FOUNDATION'              ,340000  , '2012' , '080-592-6849'),
('123245', 'GENER8TOR'                    ,400000  , '2007' , '080-592-7423'),
('123246', 'Warner Music Group'            ,90000   , '2005' , '080-592-7832'),
('123247', 'Sony Music Entertainment'      ,800000  , '2005' , '080-592-9433'),
('215131', 'Amazon Web Services'          ,2000000 , '2012' , '080-592-9472'),
('123277', 'Universal Music Publishing Group',600000  , '1007' , '080-592-9473'),
('123288', 'YG Entertainment'              ,1000000 , '1004' , '080-592-9637'),
('123287', 'JYP Entertainment'             ,1200000 , '1007' , '080-596-0737'),
('123286', 'SM Entertainment'              ,980000  , '2012' , '080-596-1157'),
('223201', 'BIG HIT ENTERTAINMENT'        ,980000  , '1004' , '080-596-1167'),
('115144', 'Swensens'                     ,870000  , '2005' , '080-596-5071'),
('215132', 'McDonalds'                    ,830000  , '2006' , '080-596-5175'),
('115139', 'Laem Charoen Seafood'          ,780000  , '1008' , '080-596-5177'),
('115169', 'AU BON PAIN'                  ,1230000 , '2008' , '080-596-5437'),
('223247', 'Sony Music Entertainment'      ,300000  , '3002' , '080-596-5737'),
('115199', 'BONCHON'                      ,540000  , '3002' , '080-596-5873'),
('115187', 'COCO FRESH TEA'                ,820000  , '2006' , '080-596-6017'),
('215199', 'BONCHON'                      ,24000   , '1008' , '080-596-6337'),
('315132', 'McDonalds'                    ,450000  , '1009' , '080-596-6837'),
('223246', 'Warner Music Group'            ,240000  , '1009' , '080-596-6973');
```

#### 4. Description : Insert a new record of ticket.

##### SQL Command:

```
INSERT INTO ticket ( TK_ID, TKTYPE, TKDATE, EEVENT_ID, TSEAT) VALUES
('100101', 'RS', '2020-01-07', '1001', 'A01'),
('100102', 'RS', '2020-01-07', '1001', 'A02'),
('100103', 'RS', '2020-01-07', '1001', 'A04'),
('100401', 'RS', '2020-02-12', '1004', 'A01'),
('100402', 'RS', '2020-02-12', '1004', 'A03'),
('100403', 'RS', '2020-02-12', '1004', 'B04'),
('100701', 'GA', '2020-05-15', '1007', 'B02'),
('100702', 'GA', '2020-05-15', '1007', 'B07'),
('100703', 'VP', '2020-05-15', '1007', 'B08'),
('100801', 'GA', '2020-07-17', '1008', 'D03'),
('100802', 'VP', '2020-07-17', '1008', 'D02'),
('100803', 'VP', '2020-07-17', '1008', 'D01'),
('100901', 'OP', '2020-12-23', '1009', 'E05'),
('100902', 'MP', '2020-12-23', '1009', 'E06'),
('100903', 'CD', '2020-12-23', '1009', 'E07'),
('200501', 'OP', '2021-02-12', '2005', 'B08'),
('200502', 'OP', '2021-02-12', '2005', 'B09'),
('200503', 'ED', '2021-02-12', '2005', 'B10'),
('200601', 'OP', '2021-06-02', '2006', 'P01'),
('200602', 'MP', '2021-06-02', '2006', 'P04'),
('200603', 'CD', '2021-06-02', '2006', 'P05'),
('200801', 'GA', '2021-10-02', '2008', 'B09'),
('200802', 'VP', '2021-10-02', '2008', 'B10'),
('200803', 'GA', '2021-10-02', '2008', 'C01'),
('201201', 'GA', '2021-12-02', '2012', 'Z01'),
('201202', 'GA', '2021-12-02', '2012', 'Z02'),
('201203', 'GA', '2021-12-02', '2012', 'Z05'),
('300201', 'VP', '2022-09-12', '3002', 'A01'),
('300202', 'VP', '2022-09-12', '3002', 'B01'),
('300203', 'VP', '2022-09-12', '3002', 'C01');
```

## 5. Description : Insert a new record of the audience.

### SQL Command:

```
INSERT INTO audience( AUD_ID, AUDNAME, TK_ID, AUDTELLNUM) VALUES
('0101', 'Joyce Byers'      , '100101', '091-192-9787'),
('0102', 'Jim Hopper'      , '100102', '094-192-9962'),
('0507', 'Mike Wheeler'    , '100402', '099-194-1959'),
('0502', 'Eleven'          , '100801', '098-194-1994'),
('0202', 'Dustin Henderson', '100802', '098-194-2499'),
('0404', 'Lucas Sinclair'   , '100901', '097-194-2697'),
('0304', 'Nancy Wheeler'   , '100902', '095-194-4493'),
('0405', 'Jonathan Byers'   , '200503', '098-194-4541'),
('0402', 'Karen Wheeler'   , '100703', '061-159-4566'),
('0904', 'Martin Brenner'   , '200502', '065-995-9798'),
('0906', 'Will Byers'      , '200601', '065-995-9663'),
('0103', 'Max Mayfield'    , '200602', '064-939-9369'),
('0506', 'Steve Harrington', '200603', '065-328-2269'),
('0309', 'Billy Hargrove'   , '100401', '093-554-5693'),
('0606', 'Bob Newby'       , '100803', '092-926-5493'),
('0104', 'Sam Owens'       , '100903', '093-594-9163'),
('0509', 'Robin Buckley'   , '200501', '093-564-9661'),
('0501', 'Erica Sinclair'   , '100103', '061-493-9935'),
('0609', 'Murray Bauman'    , '200802', '090-396-4298'),
('0704', 'Rachel Green'    , '200803', '099-398-2946'),
('0407', 'Ross Geller'     , '201201', '065-323-9828'),
('0707', 'Monica Geller'    , '200801', '093-391-4293'),
('0305', 'Phoebe Buffay'   , '201202', '093-362-6199'),
('0406', 'Joey Tribbiani'   , '100701', '080-894-9456'),
('0607', 'Chandler Bing'   , '100702', '061-164-4564'),
('0105', 'Michel Tribbiani', '300203', '092-651-4163'),
('0601', 'Gina Tribbiani'   , '300201', '065-329-7932'),
('0907', 'Alex Garrett'     , '201203', '064-329-4298'),
('0901', 'Bobbie Morgans', '300202', '062-326-9228'),
('0809', 'Zach Miller'     , '100403', '093-393-9228')
;
```



## 6. Description : Insert a new record of the food & beverage zone.

### SQL Command:

```
INSERT INTO foodbevzone( FBNAME, FBOWNER, FBRENT, FBTELLNUM, EEVENT_ID, FBZONE) VALUES
( 'The Lunch Box'      , 'Optimus Prime'   , 100101 , '088-937-2834', '1001', 'A'),
( 'The Extreme Burger' , 'Harry Potter'    , 100405 , '093-454-9262', '1004', 'F'),
( 'The Grill Queen'    , 'Bilbo Baggins'   , 100903 , '098-598-9946', '1009', 'B'),
( 'Chickpea Chow'      , 'Ace Ventura'     , 100803 , '093-459-5168', '1008', 'D'),
( 'Eat Fest'           , 'Sarah Connor'   , 300204 , '093-459-2997', '3002', 'G'),
( 'Fries Empire'       , 'Katniss Everdeen', 300209 , '098-616-2959', '3002', 'E'),
( 'The Cake Shack'     , 'Jack Burton'     , 100805 , '093-163-9369', '1008', 'A'),
( 'Tamale Train'       , 'Axel Foley'      , 202105 , '061-362-9693', '2012', 'J'),
( 'The Pizza Cart'     , 'Obi-Wan Kenobi'  , 100104 , '061-294-4919', '1001', 'D'),
( 'The Fish Boat'      , 'Luke Skywalker'  , 201209 , '098-156-4491', '2012', 'H'),
( 'Mobile Dogs'        , 'Forrest Gump'    , 201204 , '093-296-9551', '2012', 'I'),
( 'Outside Eatery'     , 'Daniel Plainview', 100710 , '093-269-9461', '1007', 'E'),
( 'The Urban Grill'    , 'Hannibal Lecter' , 200804 , '098-192-4491', '2008', 'F'),
( 'The Streatery'      , 'Doc Brown'       , 200805 , '098-639-9628', '2008', 'G'),
( 'The Juice Camion'   , 'Jack Sparrow'    , 100804 , '098-639-9398', '1008', 'C'),
( 'Food Truck Fanatic' , 'Marty McFly'     , 200506 , '098-626-9949', '2005', 'L'),
( 'Street Fair'        , 'Michael Corleone', 200604 , '093-429-9649', '2006', 'C'),
( 'The Taco Station'   , 'Tyler Durden'    , 100109 , '062-149-5979', '1001', 'E'),
( 'Heathy House'       , 'Han Solo'        , 200609 , '062-149-5929', '2006', 'B'),
( 'Guerilla Taco'      , 'Ethan Hunt'      , 100905 , '080-798-5155', '1009', 'H'),
( 'The Minions'        , 'James Bond'      , 100402 , '093-469-4292', '1004', 'E'),
( 'The Omelette Truck' , 'Archie Andrews'  , 200803 , '062-142-4199', '2008', 'E'),
( 'Sunrise Scrambles'  , 'Betty Cooper'    , 100703 , '062-164-9594', '1007', 'I'),
( 'Pancake Flippers'   , 'Veronica Lodge'  , 200605 , '092-898-4871', '2006', 'F'),
( 'Hot Potatoes'       , 'Jughead Jones'   , 100904 , '092-898-4483', '1009', 'A'),
( 'Rocky Mountain Pizza', 'Hermione Lodge'  , 200504 , '093-454-4259', '2005', 'K'),
( 'Bacon Buggy'       , 'Cheryl Blossom'  , 100409 , '093-459-9964', '1004', 'C'),
( 'The Lunch Truck'    , 'Josie McCoy'     , 100704 , '062-146-4998', '1007', 'F'),
( 'Taco Amigos'        , 'Alice Cooper'    , 200503 , '062-146-6266', '2005', 'H'),
( 'The Lunch'          , 'Josie McCoy'     , 100702 , '093-446-9429', '1007', 'D'),
( 'Taco Bell'          , 'Alice Cooper'    , 200508 , '098-624-9391', '2005', 'G');
```

## 7. Description : Insert a new record of the artists.

### SQL Command:

```
INSERT INTO artist ( AR_ID, ARNAME, ARTELLNUM, EEVENT_ID) VALUES
('1230', 'Backstreet Boys', '094-552-4349', '1007'),
('1231', 'Ariana Grande', '086-937-8126', '1008'),
('1232', 'Katy Perry', '082-125-8372', '1009'),
('1233', 'Ed Sheeran', '093-627-7254', '3002'),
('1234', 'Taylor Swift', '081-847-7764', '2005'),
('1235', 'Shawn Mendes', '098-847-3487', '2006'),
('1236', 'The Weeknd', '082-742-5374', '2008'),
('1237', 'Coldplay', '093-324-3729', '2012'),
('1238', 'Little Mix', '098-345-9992', '1004'),
('1239', 'Bruno Mars', '083-837-6374', '1001'),
('1240', 'Ruel', '097-265-6151', '1009'),
('1241', 'Doja Cat', '061-159-1978', '2005'),
('1242', 'Niki', '093-296-9551', '2006'),
('1243', 'BTS', '082-823-9193', '3002'),
('1244', 'Sam Smith', '098-325-3651', '1009'),
('1245', 'Blackpink', '089-791-5072', '1001'),
('1246', 'The toys', '086-668-4439', '3002'),
('1247', 'Zara Larsson', '064-939-6168', '1004'),
('1248', 'Lauv', '061-565-1666', '1007'),
('1249', 'Dua Lipa', '092-649-6649', '1009'),
('1250', 'Babe Rexha', '098-598-9897', '2006'),
('1251', 'Troye Sivan', '065-269-9361', '2005'),
('1252', 'Ink Warunthorn', '062-996-9661', '2008'),
('1253', 'Sia', '081-789-4289', '2012'),
('1254', 'Charlie Puth', '092-984-9999', '1001'),
('1255', 'Keshi', '093-003-8888', '3002'),
('1256', 'Lady Gaga', '082-823-6544', '2008'),
('1257', 'DAY6', '087-774-3322', '2008'),
('1258', 'Winner', '093-359-9916', '2012'),
('1259', 'ZAYN', '062-546-5566', '1004'),
('1260', 'Rihanna', '061-151-4669', '2005'),
('1261', 'Justin Bieber', '097-997-9596', '2006'),
('1262', 'Selena Gomez', '065-269-9396', '1009'),
('1263', 'Billie Eilish', '093-515-5979', '3002'),
('1264', 'The 1975', '061-594-9194', '1007'),
('1265', 'RINI', '093-515-5469', '2012'),
('1266', 'Beyonce', '098-396-4945', '2008'),
('1267', 'Conan Gray', '092-396-6929', '1009'),
('1268', 'Cardi B', '061-141-9649', '2005'),
('1269', 'Destinys Child', '062-164-6994', '2006');
```

- 8. Description :** Update a data record of sponsor (change event ID of sponsor ID 123245 to '1007').

**SQL Command :**

```
UPDATE sponsor  
SET EEVENT_ID = '1007'  
WHERE SP_ID = '123245';
```



## List of SELECT queries

### Basic queries

1. List the information of employees whose first names start with the letter “S”.

#### SQL Command:

```
select EMP_FNAME from employee
where EMP_FNAME like "S%";
```

#### Result:

	EMP_FNAME
▶	Sarada
	Sakura
	Sasuke
	Shino

2. Count the employees group by department.

#### SQL Command:

```
select EMP_DEPARTMENT as "DEPARTMENT",count(EMP_ID) as "num_employee" from employee
group by EMP_DEPARTMENT;
```

#### Result:

	DEPARTMENT	num_employee
▶	Event Designs	2
	Special Event Planning Service	1
	Event Management	2
	Event Coordination	1
	Event Entertainment	1
	Conference and Venue Sourcing Service	2
	Workshops/Seminars training	1

3. List the full name of employees whose salaries are less than 40,000.

#### SQL Command:

```
select concat(EMP_FNAME," ",EMP_LNAME) as "Employee 's full name " from employee
where EMP_SALARY < 40000;
```

#### Result:

	Employee 's full name
▶	Shino Aburame
	Kiba Inuzuka
	Neji Hyuga

4. List the full name of employees who work at the Conference and venue sourcing services department.

**SQL Command:**

```
select concat(EMP_FNAME," ",EMP_LNAME) as "Employee 's full name " from employee
where EMP_DEPARTMENT = "Conference and Venue Sourcing Service";
```

**Result:**

	Employee 's full name
▶	Shino Aburame
	Kiba Inuzuka

5. List the full name of employees who do not have the telephone number.

**SQL Command:**

```
select concat(EMP_FNAME," ",EMP_LNAME) as "Employee 's full name " from employee
where EMTELLNUM is null;
```

**Result:**

	Employee 's full name
▶	Kakashi Hatake
	Naruto Uzumaki
	Neji Hyuga

6. Count the number of tickets that group by ticket type.

**SQL Command:**

```
select concat(EMP_FNAME," ",EMP_LNAME) as "Employee 's full name " from employee
where EMTELLNUM is null;
```

**Result:**

	TKTYPE	num_ticket
▶	RS	6
	GA	8
	VP	7
	OP	4
	MP	2
	CD	2
	ED	1

7. Count the number of sponsors of each event which are grouped by event's ID.

**SQL Command:**

```
select TKTYPE,count(TK_ID) as "num_ticket" from ticket  
group by TKTYPE;
```

**Result:**

	EEVENT_ID	num_Sponsor
►	1007	5
	2005	4
	1009	4
	2006	3
	1008	3
	2008	2
	3002	3
	1001	1
	2012	3
	1004	3

8. Show the maximum and minimum budget of the sponsors.

**SQL Command:**

```
SELECT MIN(SPBDGET) as "min_budget", MAX(SPBDGET) as "max_budget" FROM sponsor;
```

**Result:**

min_budget	max_budget
24000.00	2000000.00

9. Show the information of all artists ordered by name ascendingly.

### SQL Command:

```
SELECT * FROM artist
ORDER BY ARNAME Asc
```

### Result:

AR_ID	ARNAME	EEVENT_ID	ARTELLNUM
1231	Ariana Grande	1008	086-937-8126
1250	Babe Rexha	2006	098-598-9897
1230	Backstreet Boys	1007	094-552-4349
1266	Beyonce	2008	098-396-4945
1263	Billie Eilish	3002	093-515-5979
1245	Blackpink	1001	089-791-5072
1239	Bruno Mars	1001	083-837-6374
1243	BTS	3002	082-823-9193
1268	Cardi B	2005	061-141-9649
1254	Charlie Puth	1001	092-984-9999
1237	Coldplay	2012	093-324-3729
1267	Conan Gray	1009	092-396-6929
1257	DAY6	2008	087-774-3322
1269	Destinys Child	2006	062-164-6994
1241	Doja Cat	2005	061-159-1978
1249	Dua Lipa	1009	092-649-6649
1233	Ed Sheeran	3002	093-627-7254
1252	Ink Warunthorn	2008	062-996-9661
1261	Justin Bieber	2006	097-997-9596
1232	Katy Perry	1009	082-125-8372
1255	Keshi	3002	093-003-8888
1256	Lady Gaga	2008	082-823-6544
1248	Lauv	1007	061-565-1666
1238	Little Mix	1004	098-345-9992
1242	Niki	2006	093-296-9551
1260	Rihanna	2005	061-151-4669
1265	RINI	2012	093-515-5469
1240	Ruel	1009	097-265-6151
1244	Sam Smith	1009	098-325-3651
1262	Selena Gomez	1009	065-269-9396
1235	Shawn Mendes	2006	098-847-3487
1253	Sia	2012	081-789-4289
1234	Taylor Swift	2005	081-847-7764
1264	The 1975	1007	061-594-9194
1246	The toys	3002	086-668-4439
1236	The Weeknd	2008	082-742-5374
1251	Troye Sivan	2005	065-269-9361
1258	Winner	2012	093-359-9916
1247	Zara Larsson	1004	064-939-6168
1259	ZAYN	1004	062-546-5566

10. List the name and owner of the food & beverage stores which order by zone.

### SQL Command:

```
SELECT FBZONE as "Zone", FBNAME as "Store name", FBOWNER as "Owner"  
FROM foodbevzone  
ORDER BY FBZONE;
```

### Result:

Zone	Store name	Owner
A	The Lunch Box	Optimus Prime
A	The Cake Shack	Jack Burton
A	Hot Potatoes	Jughead Jones
B	The Grill Queen	Bilbo Baggins
B	Heathy House	Han Solo
C	Bacon Buggy	Cheryl Blossom
C	The Juice Camion	Jack Sparrow
C	Street Fair	Michael Corleone
D	Chickpea Chow	Ace Ventura
D	The Lunch	Josie McCoy
D	The Pizza Cart	Obi-Wan Kenobi
E	Fries Empire	Katniss Everdeen
E	Outside Eatery	Daniel Plainview
E	The Omelette Tr...	Archie Andrews
E	The Taco Station	Tyler Durden
E	The Minions	James Bond
F	The Extreme Bu...	Harry Potter
F	The Lunch Truck	Josie McCoy
F	The Urban Grill	Hannibal Lecter
F	Pancake Flippers	Veronica Lodge
G	Taco Bell	Alice Cooper
G	The Streatery	Doc Brown
G	Eat Fest	Sarah Connor
H	Guerilla Taco	Ethan Hunt
H	The Fish Boat	Luke Skywalker
H	Taco Amigos	Alice Cooper
I	Sunrise Scrambles	Betty Cooper
I	Mobile Dogs	Forrest Gump
J	Tamale Train	Axel Foley
K	Rocky Mountain...	Hermione Lodge
L	Food Truck Fan...	Marty McFly

11. Count the number of sponsors whose budgets are less than 100,000 baht.

### SQL Command:

```
SELECT COUNT(SP_ID) as "sponsors"  
FROM sponsor  
WHERE SPBUDGET < 100000;
```

### Result:

sponsors
3

12.Count the number of the food & beverage stores in each zone.

**SQL Command:**

```
SELECT FBZONE as "Food&BevZone", COUNT(FBRENT) as "Total shop"
FROM foodbevzone
GROUP BY FBZONE;
```

**Result:**

	Food&BevZone	Total shop
►	A	3
	F	4
	B	2
	D	3
	G	3
	E	5
	J	1
	H	3
	I	2
	C	3
	L	1
	K	1

13.Show the list of all ticket id where ticket type is “GA”.

**SQL Command:**

```
SELECT * FROM ticket
WHERE TKTYPE = 'GA';
```

**Result:**

	TK_ID	TKTYPE	TKDATE	EEVENT_ID	TSEAT
►	100701	GA	2020-05-15	1007	B02
	100702	GA	2020-05-15	1007	B07
	100801	GA	2020-07-17	1008	D03
	200801	GA	2021-10-02	2008	B09
	200803	GA	2021-10-02	2008	C01
	201201	GA	2021-12-02	2012	Z01
	201202	GA	2021-12-02	2012	Z02
	201203	GA	2021-12-02	2012	Z05

14. Show the information of events that are held on 2020-12-23.

**SQL Command:**

```
SELECT * FROM events
WHERE EDATE = '2020-12-23';
```

**Result:**

	EEVENT_ID	ETYPE	EDATE	ELOCATION
▶	1009	CE	2020-12-23	180 River Rd, Lisbon CT 6351

15. Select top 5 Artist 's name list.

**SQL Command:**

```
SELECT * FROM artist
LIMIT 5;
```

**Result:**

	AR_ID	ARNAME	EEVENT_ID	ARTELLNUM
▶	1230	Backstreet Boys	1007	094-552-4349
	1231	Ariana Grande	1008	086-937-8126
	1232	Katy Perry	1009	082-125-8372
	1233	Ed Sheeran	3002	093-627-7254
	1234	Taylor Swift	2005	081-847-7764

**Advanced queries**

1. List the ID ,type of events and employee 's name that are organized by the employees who work at the event coordination department.

**SQL Command:**

```
select emp.EEVENT_ID,e.ETYPE,EMP_FNAME from employee emp
inner join events e on emp.EEVENT_ID = e.EEVENT_ID
where EMP_DEPARTMENT = "Event Coordination";
```

**Result:**

	EEVENT_ID	ETYPE	EMP_FNAME
▶	1008	CE	Sakura

2. Show artist name list and date performance order by date.

### SQL Command:

```
select e.EDATE, ARNAME from artist a
inner join events e on a.EEVEN_ID = e.EEVEN_ID
order by EDATE;
```

### Result:

EDATE	ARNAME
2020-01-07	Bruno Mars
2020-01-07	Blackpink
2020-01-07	Charlie Puth
2020-02-12	Little Mix
2020-02-12	ZAYN
2020-02-12	Zara Larsson
2020-05-15	Backstreet Boys
2020-05-15	The 1975
2020-05-15	Lauv
2020-07-17	Ariana Grande
2020-12-23	Katy Perry
2020-12-23	Conan Gray
2020-12-23	Selena Gomez
2020-12-23	Ruel
2020-12-23	Sam Smith
2020-12-23	Dua Lipa
2021-02-12	Cardi B
2021-02-12	Taylor Swift
2021-02-12	Doja Cat
2021-02-12	Rihanna
2021-02-12	Troye Sivan
2021-06-02	Babe Rexha
2021-06-02	Niki
2021-06-02	Justin Bieber
2021-06-02	Shawn Mendes
2021-06-02	Destinys Child
2021-10-02	Ink Warunthorn
2021-10-02	Lady Gaga
2021-10-02	DAY6
2021-10-02	The Weeknd
2021-10-02	Beyonce
2021-12-02	Sia
2021-12-02	Winner
2021-12-02	Coldplay
2021-12-02	RINI
2022-09-12	The toys
2022-09-12	Keshi
2022-09-12	BTS
2022-09-12	Billie Eilish
2022-09-12	Ed Sheeran



3. Show the ID of tickets and information of audiences ordered by ticket ID.

### SQL Command:

```
SELECT a.TK_ID as "Ticket no.", AUD_ID as "audience", AUDNAME as "audience name", AUDTELLNUM as "tell no."
FROM audience a
INNER JOIN ticket t ON a.TK_ID = t.TK_ID
ORDER BY t.TK_ID;
```

### Result:

Ticket no.	audience	audience name	tell no.
100101	0101	Joyce Byers	091-192-9787
100102	0102	Jim Hopper	094-192-9962
100103	0501	Erica Sinclair	061-493-9935
100401	0309	Billy Hargrove	093-554-5693
100402	0507	Mike Wheeler	099-194-1959
100403	0809	Zach Miller	093-393-9228
100701	0406	Joey Tribbiani	080-894-9456
100702	0607	Chandler Bing	061-164-4564
100703	0402	Karen Wheeler	061-159-4566
100801	0502	Eleven	098-194-1994
100802	0202	Dustin Henderson	098-194-2499
100803	0606	Bob Newby	092-926-5493
100901	0404	Lucas Sinclair	097-194-2697
100902	0304	Nancy Wheeler	095-194-4493
100903	0104	Sam Owens	093-594-9163
200501	0509	Robin Buckley	093-564-9661
200502	0904	Martin Brenner	065-995-9798
200503	0405	Jonathan Byers	098-194-4541
200601	0906	Will Byers	065-995-9663
200602	0103	Max Mayfield	064-939-9369
200603	0506	Steve Harrington	065-328-2269
200801	0707	Monica Geller	093-391-4293
200802	0609	Murray Bauman	090-396-4298
200803	0704	Rachel Green	099-398-2946
201201	0407	Ross Geller	065-323-9828
201202	0305	Phoebe Buffay	093-362-6199
201203	0907	Alex Garrett	064-329-4298
300201	0601	Gina Tribbiani	065-329-7932
300202	0901	Bobbie Morganstern	062-326-9228
300203	0105	Michel Tribbiani	092-651-4163

4. Count the number of food & beverage stores of each event and show the event's date.

**SQL Command:**

```
select fb.EEVENT_ID ,count(FBRENT) as "num_FB_Sotres",e.EDATE from foodbevzone fb
inner join events e on fb.EEVENT_ID = e.EEVENT_ID
group by EEVENT_ID;
```

**Result:**

	EEVENT_ID	num_FB_Sotres	EDATE
▶	1001	3	2020-01-07
	1004	3	2020-02-12
	1009	3	2020-12-23
	1008	3	2020-07-17
	3002	2	2022-09-12
	2012	3	2021-12-02
	1007	4	2020-05-15
	2008	3	2021-10-02
	2005	4	2021-02-12
	2006	3	2021-06-02

5. List the ID and type of events that are sponsored by whose names begin with the letter “P”.

**SQL Command:**

```
select e.EEVENT_ID,e.ETYPE,SPNAME from events e
inner join sponsor s on e.EEVENT_ID = s.EEVENT_ID
where SPNAME like "P%";
```

**Result:**

	EEVENT_ID	ETYPE	SPNAME
▶	1009	CE	Puma
	2006	CE	PepsiCo

6. Show total budgets which are from sponsors of each event grouped by event type.

**SQL Command:**

```
select e.ETYPE, sum(SPBDGET) as "Total_Budget" from sponsor s
inner join events e on s.EEVEN_ID = e.EEVEN_ID
group by ETYPE;
```

**Result:**

	ETYPE	Total_Budget
▶	OE	6205000.00
	CE	6174000.00
	LE	3520000.00
	PE	3320000.00

7. List the ID and date of tickets that are used for attending the events which are held before 2021 and show the employee 's name that is organized .

**SQL Command :**

```
select TK_ID, TKDATE, emp.EMP_FNAME from ticket t
inner join employee emp on t.EEVEN_ID = emp.EEVEN_ID
where year(TKDATE) < 2021;
```

**Result:**

TK_ID	TKDATE	EMP_FNAME
100101	2020-01-07	Shino
100102	2020-01-07	Shino
100103	2020-01-07	Shino
100401	2020-02-12	Sarada
100402	2020-02-12	Sarada
100403	2020-02-12	Sarada
100701	2020-05-15	Kakashi
100702	2020-05-15	Kakashi
100703	2020-05-15	Kakashi
100801	2020-07-17	Sakura
100802	2020-07-17	Sakura
100803	2020-07-17	Sakura
100901	2020-12-23	Hinata
100902	2020-12-23	Hinata
100903	2020-12-23	Hinata

8. List the full name and telephone numbers of all employees and sponsors.

### SQL Command :

```
SELECT CONCAT(EMP_FNAME, " ", EMP_LNAME) As "Name", EMTELLNUM As "Tell no." FROM employee
UNION ALL
SELECT SPNAME AS "Name", SPTELLNUM FROM sponsor;
```

### Result:

Name	Tell no.
▶ Boruto Uzumaki	084-392-8871
Sarada Uchiha	080-047-9735
Kakashi Hatake	NULL
Sakura Haruno	082-452-1235
Naruto Uzumaki	NULL
Sasuke Uchiha	093-231-8764
Hinata Hyuga	096-327-4658
Shino Aburame	096-887-6314
Kiba Inuzuka	094-483-6158
Neji Hyuga	NULL
Amazon Web...	081-810-4724
McDonalds	080-591-9473
Puma	080-591-9573
PepsiCo	080-591-9637
Laem Charoen...	080-596-5177
Swensens	080-596-5071
AU BON PAIN	080-596-5437
COCO FRES...	080-596-6017
BONCHON	080-596-5873
BIG HIT ENTE...	080-592-3573
BRAVADO	080-592-3727
SAMGSOM	080-592-3937
Blend 285	080-592-5137
NVAK FOUND...	080-592-6849
GENER8TOR	080-592-7423
Warner Music...	080-592-7832
Sony Music E...	080-592-9433
Johnny Walker	080-592-5727
Regency	080-592-5873
Jack Daniel	080-592-5972
Universal Musi...	080-592-9473
SM Entertainm...	080-596-1157
JYP Entertain...	080-596-0737
YG Entertainm...	080-592-9637
Amazon Web...	080-592-9472
McDonalds	080-596-5175
BONCHON	080-596-6337
BIG HIT ENTE...	080-596-1167
Warner Music...	080-596-6973
Sony Music E...	080-596-5737
McDonalds	080-596-6837

9. Count the number of audiences who join the event grouped by event ID.

**SQL Command :**

```
SELECT t.EEevent_ID, COUNT(t.TK_ID) AS "Num of audience" FROM ticket t
INNER JOIN audience a ON a.TK_ID = t.TK_ID
GROUP BY t.EEevent_ID;
```

**Result:**

EEevent_ID	Num of audience
1001	3
2006	3
1009	3
3002	3
1008	3
2012	3
1004	3
1007	3
2005	3
2008	3

10. List the name of audiences who have a seat at B-zone of each event.

**SQL Command :**

```
SELECT t.EEevent_ID As "Event", a.AUDNAME AS "Audience name" FROM ticket t
INNER JOIN audience a ON a.TK_ID = t.TK_ID
WHERE t.TSEAT LIKE 'B%'
ORDER BY t.EEevent_ID;
```

**Result:**

Event	Audience name
1004	Zach Miller
1007	Karen Wheeler
1007	Joey Tribbiani
1007	Chandler Bing
2005	Jonathan Byers
2005	Robin Buckley
2005	Martin Brenner
2008	Murray Bauman
2008	Monica Geller
3002	Bobbie Morganstern

11.Joining between the column of name, ticket ID from audience table and the column of ticket type from ticket table

### SQL Command :

```
SELECT a.AUDNAME as 'Name', a.TK_ID as 'TicketID', t.TKTYPE as 'Ticket_type'
FROM audience a
INNER JOIN ticket t on a.TK_ID = t.TK_ID;
```

### Result:

Name	TicketID	Ticket_type
► Joyce Byers	100101	RS
Jim Hopper	100102	RS
Max Mayfield	200602	MP
Sam Owens	100903	CD
Michel Tribbiani	300203	VP
Dustin Henderson	100802	VP
Nancy Wheeler	100902	MP
Phoebe Buffay	201202	GA
Billy Hargrove	100401	RS
Karen Wheeler	100703	VP
Lucas Sinclair	100901	OP
Jonathan Byers	200503	ED
Joey Tribbiani	100701	GA
Ross Geller	201201	GA
Erica Sinclair	100103	RS
Eleven	100801	GA
Steve Harrington	200603	CD
Mike Wheeler	100402	RS
Robin Buckley	200501	OP
Gina Tribbiani	300201	VP
Bob Newby	100803	VP
Chandler Bing	100702	GA
Murray Bauman	200802	VP
Rachel Green	200803	GA
Monica Geller	200801	GA
Zach Miller	100403	RS
Bobbie Morgans...	300202	VP
Martin Brenner	200502	OP
Will Byers	200601	OP
Alex Garrett	201203	GA

12. Show the ID and date of each event and count the number of tickets grouped by event ID.

### SQL Command :

```
SELECT e.EEevent_ID as 'Event_ID', e.EDATE as 'Date of Event', COUNT(t.TK_ID) as 'Number of tickets'
FROM events e
INNER join ticket t ON e.EEevent_ID = t.EEevent_ID
GROUP BY e.EEevent_ID;
```

### Result:

	Event_ID	Date of Event	Number of tickets
▶	1001	2020-01-07	3
	1004	2020-02-12	3
	1007	2020-05-15	3
	1008	2020-07-17	3
	1009	2020-12-23	3
	2005	2021-02-12	3
	2006	2021-06-02	3
	2008	2021-10-02	3
	2012	2021-12-02	3
	3002	2022-09-12	3

13. Show the sum of the budget in each event and event 's date that is group by event 's id.

### SQL command:

```
select e.EEevent_ID,e.EDATE,sum(SPBUDGET) as "sum_budget" from sponsor s
inner join events e on s.EEevent_ID = e.EEevent_ID
group by EEevent_ID;
```

### Result :

	EEevent_ID	EDATE	sum_budget
▶	1007	2020-05-15	2885000.00
	2005	2021-02-12	1860000.00
	1009	2020-12-23	1060000.00
	2006	2021-06-02	2150000.00
	1008	2020-07-17	1104000.00
	2008	2021-10-02	2080000.00
	3002	2022-09-12	1440000.00
	1001	2020-01-07	340000.00
	2012	2021-12-02	3320000.00
	1004	2020-02-12	2980000.00

14. Select name and telephone number of audience that have ticket type = 'vp'

**SQL command:**

```
SELECT a.AUDNAME as 'Name', a.AUDTELLNUM as 'Tell no.'  
FROM audience a  
INNER JOIN ticket t ON a.TK_ID = t.TK_ID  
WHERE t.TKTYPE = 'VP';
```

**Result :**

	Name	Tell no.
►	Michel Tribbiani	092-651-4163
	Dustin Henderson	098-194-2499
	Karen Wheeler	061-159-4566
	Gina Tribbiani	065-329-7932
	Bob Newby	092-926-5493
	Murray Bauman	090-396-4298
	Bobbie Morganstern	062-326-9228



15. Show the name of the employee and artist that have a phone number sort by name ascendingly.

### SQL command:

```
SELECT CONCAT(EMP_FNAME," ",EMP_LNAME) as "Full name",EMTELLNUM as "Tell no." FROM employee WHERE EMTELLNUM IS NOT NULL
UNION
SELECT ARNAME as "Full name", ARTELLNUM as "Tell no." FROM artist WHERE ARTELLNUM IS NOT NULL;
```

### Result :

Full name	Tell no.
ZAYN	062-546-5566
Zara Larsson	064-939-6168
Winner	093-359-9916
Troye Sivan	065-269-9361
The Weeknd	082-742-5374
The toys	086-668-4439
The 1975	061-594-9194
Taylor Swift	081-847-7764
Sia	081-789-4289
Shino Aburame	096-887-6314
Shawn Mendes	098-847-3487
Selena Gomez	065-269-9396
Sasuke Uchiha	093-231-8764
Sarada Uchiha	080-047-9735
Sam Smith	098-325-3651
Sakura Haruno	082-452-1235
Ruel	097-265-6151
RINI	093-515-5469
Rihanna	061-151-4669
Niki	093-296-9551
Little Mix	098-345-9992
Lauv	061-565-1666
Lady Gaga	082-823-6544
Kiba Inuzuka	094-483-6158
Keshi	093-003-8888
Katy Perry	082-125-8372
Justin Bieber	097-997-9596
Ink Warunthorn	062-996-9661
Hinata Hyuga	096-327-4658
Ed Sheeran	093-627-7254
Dua Lipa	092-649-6649
Doja Cat	061-159-1978
Destinys Child	062-164-6994
DAY6	087-774-3322
Conan Gray	092-396-6929
Coldplay	093-324-3729
Charlie Puth	092-984-9999
Cardi B	061-141-9649
BTS	082-823-9193
Bruno Mars	083-837-6374
Boruto Uzumaki	084-392-8871
Blackpink	089-791-5072
Billie Eilish	093-515-5979
Beyonce	098-396-4945
Backstreet Boys	094-552-4349
Babe Rexha	098-598-9897
Ariana Grande	086-937-8126

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