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Avtaar Assignment 02

1. create table user(

uid int auto_increment primary key,

name varchar(50) not null,

gender enum('Female','Male');

email varchar(40) not null unique

);

2. create table events(

id int auto_increment primary key,

uid int,

name varchar(55)

occurrence enum('Yearly','OneTime') not null,

startDate date not null,

endDate date

);

alter table events

add foreign key(uid) references user(uid);

3. insert into events(uid, name, gender, email)values(1,'Mrunmayi','Female','mrun@gmail.com');

4. insert into user(id, uid, name, occurrence,startDate,endDate)values(1,1,'Seminar','Yearly','2021-12-27','2021-12-30');

5. Select * from event where startDate = current_date();

6. Select * from user where uid=1;

7. Select * from events where uid=1;

8. Select * from event where startDate between current_date() and date_add(now(),interval 7 day);

```
MySQL 8.0 Command Line Client - Unicode

mysql> use avtaar;
Database changed
mysql> show tables;
+-----------------+
| Tables_in_avtaar |
+-----------------+
| event           |
| events          |
| user            |
+-----------------+
3 rows in set (0.00 sec)

mysql> desc event;
+-----------+------------------------+------+-----+---------+----------------+
| Field     | Type                   | Null | Key | Default | Extra          |
+-----------+------------------------+------+-----+---------+----------------+
| id        | int                    | NO   | PRI | NULL    | auto_increment |
| name      | varchar(50)            | YES  |     | NULL    |                |
| ocurrence | enum('Yearly','OneTime')| NO  |     | NULL    |                |
| startDate | date                   | NO   |     | NULL    |                |
| endDate   | date                   | NO   |     | NULL    |                |
| uid       | int                    | YES  | MUL | NULL    |                |
+-----------+------------------------+------+-----+---------+----------------+
6 rows in set (0.00 sec)

mysql> desc user;
+--------+----------------------+------+-----+---------+----------------+
| Field  | Type                 | Null | Key | Default | Extra          |
+--------+----------------------+------+-----+---------+----------------+
| uid    | int                  | NO   | PRI | NULL    | auto_increment |
| gender | enum('female','male')| YES  |     | NULL    |                |
| email  | varchar(40)          | NO   | UNI | NULL    |                |
| name   | varchar(60)          | NO   |     | NULL    |                |
| age    | int                  | YES  |     | NULL    |                |
+--------+----------------------+------+-----+---------+----------------+
5 rows in set (0.00 sec)

mysql> select * from user;
+-----+--------+------------------+----------+------+
| uid | gender | email            | name     | age  |
+-----+--------+------------------+----------+------+
|   1 | female | mrun@gmail.com   | mrunmayi |   20 |
|   2 | male   | yash@gmail.com   | yash     |   14 |
|   3 | female | priya@gmail.com  | priya    |   40 |
|   4 | male   | ramji@gmail.com  | Ramji    |   49 |
|   5 | female | jaya@gmail.com   | Jaya     |   18 |
+-----+--------+------------------+----------+------+
5 rows in set (0.00 sec)
```

```
5 rows in set (0.00 sec)

mysql> select * from event;
+----+------------------+----------+------------+------------+-----+
| id | name             | ocurrence| startDate  | endDate    | uid |
+----+------------------+----------+------------+------------+-----+
|  1 | speech           | OneTime  | 2021-12-23 | 2021-12-23 |   1 |
|  2 | seminar          | Yearly   | 2021-12-25 | 2021-12-26 |   1 |
|  3 | Meeting          | OneTime  | 2021-12-29 | 2021-12-29 |   1 |
|  4 | Gathering        | Yearly   | 2022-01-02 | 2022-01-05 |   1 |
|  5 | dance            | OneTime  | 2021-12-22 | 2021-12-23 |   2 |
|  6 | shows            | OneTime  | 2021-12-25 | 2021-12-27 |   2 |
|  7 | Tradeshows       | Yearly   | 2022-01-05 | 2022-01-07 |   2 |
|  8 | VIP shows        | Yearly   | 2022-01-05 | 2022-01-24 |   2 |
|  9 | Product Launches | Yearly   | 2022-01-25 | 2021-12-27 |   3 |
| 10 | Networking Events| Yearly   | 2022-01-05 | 2022-01-24 |   2 |
| 11 | Galas            | Yearly   | 2022-02-25 | 2022-02-27 |   3 |
| 12 | Gathering        | Yearly   | 2021-12-23 | 2021-12-23 |   4 |
| 13 | Galas            | Yearly   | 2022-02-25 | 2022-02-27 |   4 |
| 14 | Job Fairs        | Yearly   | 2022-02-12 | 2022-02-15 |   4 |
| 15 | Singing          | OneTime  | 2022-02-17 | 2022-02-18 |   4 |
| 16 | Ceremonies       | OneTime  | 2021-12-27 | 2021-12-29 |   5 |
| 17 | VIP shows        | Yearly   | 2022-01-05 | 2022-01-24 |   5 |
| 18 | Recuriting       | OneTime  | 2022-02-12 | 2022-02-15 |   5 |
| 19 | Marketing        | OneTime  | 2022-02-19 | 2022-02-20 |   5 |
| 20 | Field Visit      | Yearly   | 2022-02-27 | 2022-03-02 |   5 |
+----+------------------+----------+------------+------------+-----+
20 rows in set (0.00 sec)

mysql> select * from event where uid=1;
+----+----------+----------+------------+------------+-----+
| id | name     | ocurrence| startDate  | endDate    | uid |
+----+----------+----------+------------+------------+-----+
|  1 | speech   | OneTime  | 2021-12-23 | 2021-12-23 |   1 |
|  2 | seminar  | Yearly   | 2021-12-25 | 2021-12-26 |   1 |
|  3 | Meeting  | OneTime  | 2021-12-29 | 2021-12-29 |   1 |
|  4 | Gathering| Yearly   | 2022-01-02 | 2022-01-05 |   1 |
+----+----------+----------+------------+------------+-----+
4 rows in set (0.00 sec)

mysql> select * from user where uid=1;
+-----+--------+----------------+----------+-----+
| uid | gender | email          | name     | age |
+-----+--------+----------------+----------+-----+
|   1 | female | mrun@gmail.com | mrunmayi |  20 |
+-----+--------+----------------+----------+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from event where startDate = current_date();
+----+-----------+----------+------------+------------+-----+
| id | name      | ocurrence| startDate  | endDate    | uid |
+----+-----------+----------+------------+------------+-----+
|  1 | speech    | OneTime  | 2021-12-23 | 2021-12-23 |   1 |
| 12 | Gathering | Yearly   | 2021-12-23 | 2021-12-23 |   4 |
+----+-----------+----------+------------+------------+-----+
2 rows in set (0.00 sec)

mysql> select * from event where startDate between current_date() and date_add(now(),interval 7 day);
+----+-----------+----------+------------+------------+-----+
| id | name      | ocurrence| startDate  | endDate    | uid |
+----+-----------+----------+------------+------------+-----+
|  1 | speech    | OneTime  | 2021-12-23 | 2021-12-23 |   1 |
|  2 | seminar   | Yearly   | 2021-12-25 | 2021-12-26 |   1 |
|  3 | Meeting   | OneTime  | 2021-12-29 | 2021-12-29 |   1 |
|  6 | shows     | OneTime  | 2021-12-25 | 2021-12-27 |   2 |
| 12 | Gathering | Yearly   | 2021-12-23 | 2021-12-23 |   4 |
| 16 | Ceremonies| OneTime  | 2021-12-27 | 2021-12-29 |   5 |
+----+-----------+----------+------------+------------+-----+
6 rows in set (0.00 sec)
```