CREATE DATABASE TWITTER;

USE TWITTER;

CREATE TABLE TWEETS4

(

TWEET\_ID INT PRIMARY KEY,

USER\_ID INT NOT NULL REFERENCES USERS1(ID),

TYPE VARCHAR(50),

TWEET\_DATE DATE NOT NULL,

MESSAGE VARCHAR(100) NOT NULL,

TOTAL\_LIKES INT

);

INSERT INTO TWEETS4(TWEET\_ID,USER\_ID,TYPE,TWEET\_DATE,MESSAGE,TOTAL\_LIKES) VALUES(1,4,'IMAGES','2021-03-04','MESSAGES FROM A"MAMATHA"',3429);

INSERT INTO TWEETS4(TWEET\_ID,USER\_ID,TYPE,TWEET\_DATE,MESSAGE,TOTAL\_LIKES) VALUES(2,1,'LINKS','2020-05-12','MESSAGES FROM "KULASEKHAR"',5425);

INSERT INTO TWEETS4(TWEET\_ID,USER\_ID,TYPE,TWEET\_DATE,MESSAGE,TOTAL\_LIKES) VALUES(3,2,'QUOTES','2021-07-09','MESSAGES FROM "AVINASH"',7472);

INSERT INTO TWEETS4(TWEET\_ID,USER\_ID,TYPE,TWEET\_DATE,MESSAGE,TOTAL\_LIKES) VALUES(4,5,'RETWEETS','2021-02-12','MESSAGES FROM "SAI AKASH"',6742);

INSERT INTO TWEETS4(TWEET\_ID,USER\_ID,TYPE,TWEET\_DATE,MESSAGE,TOTAL\_LIKES) VALUES(5,3,'COMMENTS','2021-10-10','MESSAGES FROM "INDRAJA"',3472);

SELECT \* FROM TWEETS4;

CREATE TABLE USERS1

(

ID INT PRIMARY KEY,

USERNAME VARCHAR(40),

EMAIL VARCHAR(50),

CREATED\_AT DATE,

UPDATED\_AT DATE

);

INSERT INTO USERS1 VALUES(1,'INDRAJA REDDY','indrajaramireddy@gmail.com','2014-04-21','2019-02-28');

INSERT INTO USERS1 VALUES(2,'KULASEKAR REDDY','kulasekharreddy@gmail.com','2009-04-07','2014-03-05');

INSERT INTO USERS1 VALUES(3,'SAI AKASH','saiakash12@gmail.com','2017-03-15','2019-09-18');

INSERT INTO USERS1 VALUES(4,'JALLA MAMATHA','mamathajalla@gmail.com','2014-05-26','2019-12-20');

INSERT INTO USERS1 VALUES(5,'AVINASH','avinash123@gmail.com','2017-06-14','2018-05-12');

SELECT \* FROM USERS1;

CREATE TABLE USER\_FOLLOWERS

(

ID INT PRIMARY KEY,

USERID INT,

FOLLOWERID INT,

CREATED\_AT DATE,

UPDATED\_AT DATE

);

INSERT INTO USER\_FOLLOWERS VALUES(1,11,12,'2014-04-21','2019-02-28');

INSERT INTO USER\_FOLLOWERS VALUES(2,12,13,'2009-04-07','2014-03-05');

INSERT INTO USER\_FOLLOWERS VALUES(3,13,14,'2017-03-15','2019-09-18');

INSERT INTO USER\_FOLLOWERS VALUES(4,14,15,'2014-05-26','2019-12-20');

INSERT INTO USER\_FOLLOWERS VALUES(5,15,16,'2017-06-14','2018-05-12');

SELECT \* FROM USER\_FOLLOWERS;

/\* WRITE A QUERY TO DISPLAY TWEETS POSTED BY USER \*/

SELECT \* FROM TWEETS4 T WHERE USER\_ID=1 ORDER BY TWEET\_DATE DESC;

/\* WRITE A QUERY TO DISPLAY TWEETS OF THE FOLLOWERS NEED TO BE ACCESSED USING A JOIN \*/

SELECT T.USER\_ID,T.TOTAL\_LIKES,F.FOLLOWERID FROM TWEETS4 T JOIN USER\_FOLLOWERS F

ON (USER\_ID = ID) WHERE FOLLOWERID =15 ORDER BY TWEET\_ID DESC;

/\* WRITE A QUERY TO DISPLAY TWEETS\_ID,TYPE ,EMAIL FROM USERS AND TWEETS TABLE\*/

SELECT T.TWEET\_ID,T.TYPE,U.EMAIL

FROM TWEETS4 T,USERS1 U

WHERE T.USER\_ID = U.ID;

/\* WRITE A QUERY DISPLAY TO USERID AND NO.OF USERID FROM TWEETS TABLE USING GROUP BY AND HAVING \*/

SELECT USER\_ID,COUNT(USER\_ID) FROM TWEETS

GROUP BY USER\_ID

HAVING COUNT(USER\_ID)>=1;

/\* WRITE A QUERY DISPLAY TWEET\_ID,USERNAME FROM TWO TABLES USING INNER JOIN\*/

SELECT TWEETS4.TWEET\_ID,USERS1.USERNAME

FROM USERS1 INNER JOIN TWEETS4 ON USERS1.ID = TWEETS4.USER\_ID;