CREATE TABLE PERSON (

"PERSON\_ID" NUMBER(8) NOT NULL PRIMARY KEY,

"FIRST\_NAME" VARCHAR(25) NOT NULL,

"LAST\_NAME" VARCHAR(25) NOT NULL

);

INSERT INTO PERSON VALUES (1, 'MICHAEL', 'PHELPS');

INSERT INTO PERSON VALUES (2, 'KATIE', 'LEDECKY');

INSERT INTO PERSON VALUES (3, 'USAIN', 'BOLT');

INSERT INTO PERSON VALUES (4, 'ALLYSON', 'FELIX');

INSERT INTO PERSON VALUES (5, 'KEVIN', 'DURANT');

INSERT INTO PERSON VALUES (6, 'DIANA', 'TAURASI');

INSERT PERSON INTO TABLE PERSON

INSERT INTO PERSON VALUES (7, 'DARYL', 'MILLER');

SELECT \* FROM PERSON ORDER BY PERSON\_ID;

ALTER TABLE PERSON ADD "SEX" VARCHAR(1);

SELECT \* FROM PERSON ORDER BY PERSON\_ID;

UPDATE PERSON SET SEX = 'M' WHERE FIRST\_NAME = 'DARYL' AND LAST\_NAME = 'MILLER';

SELECT \* FROM PERSON ORDER BY PERSON\_ID;

DELETE FROM PERSON WHERE FIRST\_NAME = 'DIANA' AND LAST\_NAME = 'TAURASI';

SELECT \* FROM PERSON ORDER BY PERSON\_ID;

CREATE TABLE CONTACT\_LIST (

"CONNECTION\_ID" NUMBER (15) NOT NULL PRIMARY KEY,

"PERSON\_ID" NUMBER(8) NOT NULL,

"CONTACT\_ID" NUMBER (8) NOT NULL,

"FAVORITE" VARCHAR(10) NULL

);

INSERT INTO CONTACT\_LIST VALUES (1, 1, 2, '');

INSERT INTO CONTACT\_LIST VALUES (2, 1, 3, '');

INSERT INTO CONTACT\_LIST VALUES (3, 1, 4, '');

INSERT INTO CONTACT\_LIST VALUES (4, 1, 5, '');

INSERT INTO CONTACT\_LIST VALUES (5, 1, 6, '');

INSERT INTO CONTACT\_LIST VALUES (6, 2, 1, '');

INSERT INTO CONTACT\_LIST VALUES (7, 2, 3, '');

INSERT INTO CONTACT\_LIST VALUES (8, 2, 4, '');

INSERT INTO CONTACT\_LIST VALUES (9, 3, 1, '');

INSERT INTO CONTACT\_LIST VALUES (10, 3, 4, '');

INSERT INTO CONTACT\_LIST VALUES (11, 4, 5, '');

INSERT INTO CONTACT\_LIST VALUES (12, 4, 6, '');

INSERT INTO CONTACT\_LIST VALUES (13, 5, 1, '');

INSERT INTO CONTACT\_LIST VALUES (14, 5, 6, '');

SELECT \* FROM CONTACT\_LIST ORDER BY CONNECTION\_ID;

UPDATE CONTACT\_LIST SET FAVORITE = 'YES' WHERE CONTACT\_ID = 1;

UPDATE CONTACT\_LIST SET FAVORITE = 'NO' WHERE CONTACT\_ID <> 1;

INSERT INTO CONTACT\_LIST VALUES (15, 7, 2, 'YES');

INSERT INTO CONTACT\_LIST VALUES (16, 8, 4, 'YES');

INSERT INTO CONTACT\_LIST VALUES (17, 9, 1, 'YES');

SELECT \* FROM CONTACT\_LIST ORDER BY CONNECTION\_ID;

CREATE TABLE IMAGE (

"IMAGE\_ID" NUMBER GENERATED BY DEFAULT ON NULL AS IDENTITY,

"IMAGE\_NAME" VARCHAR(50) NOT NULL,

"IMAGE\_LOCATION" VARCHAR(250) NOT NULL

);

CREATE TABLE MESSAGE\_IMAGE (

"IMAGE\_ID" NUMBER (8) NOT NULL,

"MESSAGE\_ID" NUMBER(8) NOT NULL,

PRIMARY KEY ("IMAGE\_ID", "MESSAGE\_ID")

);

INSERT INTO IMAGE VALUES (1,'GRADUATION','SAN ANTONIO');

INSERT INTO IMAGE VALUES (2,'ANTHONY','BOSSIER CITY');

INSERT INTO IMAGE VALUES (3,'MARRIAGE','GUAM');

INSERT INTO IMAGE VALUES (4,'CAMERON','CHARLOTTESVILLE');

INSERT INTO IMAGE VALUES (5,'NEW HOUSE','VANDENBERG');

SELECT \* FROM IMAGE ORDER BY IMAGE\_ID;

INSERT INTO MESSAGE\_IMAGE VALUES (1,1);

INSERT INTO MESSAGE\_IMAGE VALUES (2,2);

INSERT INTO MESSAGE\_IMAGE VALUES (3,3);

INSERT INTO MESSAGE\_IMAGE VALUES (2,3);

INSERT INTO MESSAGE\_IMAGE VALUES (3,2);

SELECT \* FROM MESSAGE\_IMAGE;

CREATE TABLE MESSAGES (

"SENDER\_FIRST\_NAME" VARCHAR(25) NOT NULL,

"SENDER\_LAST\_NAME" VARCHAR(25) NOT NULL,

"RECEIVER\_FIRST\_NAME" VARCHAR(25)NOT NULL,

"RECEIVER\_LAST\_NAME" VARCHAR(25) NOT NULL,

"MESSAGE\_ID" NUMBER(8) NOT NULL PRIMARY KEY,

"MESSAGE" CHAR(500) NOT NULL,

"MESSAGE\_TIMESTAMP" CHAR(50) NOT NULL

);

INSERT INTO MESSAGES VALUES ('MICHAEL', 'PHELPS', 'KATIE', 'LEDECKY', 1, 'CONGRATS ON WINNING THE 800M FREESTYLE!', '2016-12-25 09:00:00');

INSERT INTO MESSAGES VALUES ('KATIE', 'LEDECKY', 'MICHAEL', 'PHELPS', 2, 'CONGRATS ON WINNING 23 GOLD MEDALS', '2016-12-25 09:01:00');

INSERT INTO MESSAGES VALUES ('USAIN', 'BOLT', 'MICHAEL', 'PHELPS', 3, 'YOU ARE THE GREATEST SWIMMER EVER', '2016-12-25 09:02:00');

INSERT INTO MESSAGES VALUES ('MICHAEL', 'PHELPS', 'USAIN', 'BOLT', 4, 'THANKS! YOU ARE THE GREATEST SPRINTER EVER', '2016-12-25 09:04:00');

INSERT INTO MESSAGES VALUES ('MICHAEL', 'PHELPS', 'ALLYSON', 'FELIX', 5, 'GOOD LUCK ON YOUR RACE', '2016-12-25 09:05:00');

SELECT \* FROM MESSAGES;