Data Base

Project 1 - Part 2: SQL database script. Queries

**1. File in txt format with the script of creation of tables, with the restrictions of PK and CHECK.**

CREATE TABLE DELEGATION (

COUNTRY VARCHAR2(30) NOT NULL,

NUM\_ATHLETES NUMBER NOT NULL,

constraint DELEGATION\_PK PRIMARY KEY (COUNTRY));

CREATE TABLE HOTEL\_DELEGATION (

FACILITY VARCHAR2(30) NOT NULL,

DELEGATION VARCHAR2(30) NOT NULL,

CHECKIN\_DATE DATE NOT NULL,

CHECKOUT\_DATE DATE NOT NULL,

constraint HOTEL\_DELEGATION\_PK PRIMARY KEY (FACILITY, DELEGATION));

CREATE TABLE ATHLETE (

ID\_NUMBER VARCHAR2(30) NOT NULL,

NAMES VARCHAR2(30) NOT NULL,

SURNAMES VARCHAR2(30) NOT NULL,

DATE\_BIRTH DATE NOT NULL,

SPORT VARCHAR2(30) NOT NULL,

FOOD\_TYPE VARCHAR2(30) NOT NULL,

HEIGHT NUMBER NOT NULL,

WEIGHT NUMBER NOT NULL,

PHONE VARCHAR2(30) NOT NULL,

EMAIL VARCHAR2(30),

DELEGATION VARCHAR2(30) NOT NULL,

constraint ATHLETE\_PK PRIMARY KEY (ID\_NUMBER));

CREATE TABLE PARTICIPATES (

EVENT VARCHAR2(30) NOT NULL,

ATHLETE VARCHAR2(30) NOT NULL,

DATE\_EVENT DATE NOT NULL,

constraint PARTICIPATES\_PK PRIMARY KEY (EVENT, ATHLETE));

CREATE TABLE EVENT (

CODE VARCHAR2(30) NOT NULL,

SPORT VARCHAR2(30) NOT NULL,

DATE\_EVENT DATE NOT NULL,

SPORT\_COMPLEX VARCHAR2(30) NOT NULL,

DURATIONS NUMBER NOT NULL,

N\_PART INTEGER NOT NULL,

N\_OFFICIALS INTEGER NOT NULL,

constraint EVENT\_PK PRIMARY KEY (CODE));

CREATE TABLE EQUIPMENT (

EVENT VARCHAR2(30) NOT NULL,

EQUIPMENT VARCHAR2(30) NOT NULL,

constraint EQUIPMENT\_PK PRIMARY KEY (EVENT));

CREATE TABLE VENUE (

CODE VARCHAR2(30) NOT NULL,

ADDRESS VARCHAR2(30) NOT NULL,

constraint VENUE\_PK PRIMARY KEY (CODE));

CREATE TABLE ATTENDS (

OFFICIAL VARCHAR2(30) NOT NULL,

EVENT VARCHAR2(30) NOT NULL,

DATES DATE NOT NULL,

ROLES VARCHAR2(30) NOT NULL,

constraint ATTENDS\_PK PRIMARY KEY (OFFICIAL, EVENT));

CREATE TABLE SPORT\_COMPLEX (

NAMES VARCHAR2(30) NOT NULL,

OPENING\_HOURS TIMESTAMP NOT NULL,

ADDRESS VARCHAR2(30) NOT NULL,

MANAGR VARCHAR2(30) NOT NULL,

VENUE VARCHAR2(30) NOT NULL,

COMPLEX\_TYPE VARCHAR2(30) NOT NULL,

constraint CH\_COMPLEX\_TYPE CHECK (COMPLEX\_TYPE IN ('multisport','onesport')),

constraint SPORT\_COMPLEX\_PK PRIMARY KEY (NAMES));

CREATE TABLE EMPLOYEE (

ID\_NUMBER VARCHAR2(30) NOT NULL,

NAMES VARCHAR2(30) NOT NULL,

SURNAME VARCHAR2(30) NOT NULL,

EMAIL VARCHAR2(30),

EMPLOYEE\_TYPE VARCHAR2(30) NOT NULL,

constraint CH\_EMPLOYEE\_TYPE CHECK (EMPLOYEE\_TYPE IN ('manager', 'supervisor', 'maintenance', 'cleaning', 'security', 'official')),

constraint EMPLOYEE\_PK PRIMARY KEY (ID\_NUMBER));

CREATE TABLE MULTI\_COMPLEX (

NAMES VARCHAR2(30) NOT NULL,

AREA VARCHAR2(30) NOT NULL,

NUM\_SPORTS NUMBER NOT NULL,

NUM\_OUTDOOR NUMBER NOT NULL,

NUM\_INDOOR NUMBER NOT NULL,

constraint MULTI\_COMPLEX\_PK PRIMARY KEY (NAMES));

CREATE TABLE EMP\_PHONE (

ID\_NUMBER VARCHAR2(30) NOT NULL,

PHONE VARCHAR2(30) NOT NULL,

constraint EMP\_PHONE\_PK PRIMARY KEY (ID\_NUMBER, PHONE));

CREATE TABLE FACILITY\_STAFF (

FACILITY VARCHAR2(30) NOT NULL,

EMPLOYEE VARCHAR2(30) NOT NULL,

constraint FACILITY\_STAFF\_PK PRIMARY KEY (FACILITY, EMPLOYEE) );

CREATE TABLE FACILITY (

VENUE VARCHAR2(30) NOT NULL,

ID\_FACILITY VARCHAR2(30) NOT NULL,

CAPACITYS NUMBER NOT NULL,

MANAGR VARCHAR2(30) NOT NULL,

FACILITY\_TYPE VARCHAR2(30) NOT NULL,

constraint CH\_FACILITY\_TYPE CHECK (FACILITY\_TYPE IN ('hotel', 'apartment', 'restaurant')),

constraint FACILITY\_PK PRIMARY KEY (VENUE));

CREATE TABLE RESTAURANT (

FACILITY VARCHAR2(30) NOT NULL,

FOOD\_TYPE VARCHAR2(30) NOT NULL,

constraint RESTAURANT\_PK PRIMARY KEY (FACILITY, FOOD\_TYPE));

**2. File in txt format with the script for the deletion of the tables.**

DROP TABLE DELEGATION CASCADE CONSTRAINTS;

DROP TABLE HOTEL\_DELEGATION CASCADE CONSTRAINTS;

DROP TABLE ATHLETE CASCADE CONSTRAINTS;

DROP TABLE PARTICIPATES CASCADE CONSTRAINTS;

DROP TABLE EVENT CASCADE CONSTRAINTS;

DROP TABLE EQUIPMENT CASCADE CONSTRAINTS;

DROP TABLE VENUE CASCADE CONSTRAINTS;

DROP TABLE ATTENDS CASCADE CONSTRAINTS;

DROP TABLE SPORT\_COMPLEX CASCADE CONSTRAINTS;

DROP TABLE EMPLOYEE CASCADE CONSTRAINTS;

DROP TABLE MULTI\_COMPLEX CASCADE CONSTRAINTS;

DROP TABLE EMP\_PHONE CASCADE CONSTRAINTS;

DROP TABLE FACILITY\_STAFF CASCADE CONSTRAINTS;

DROP TABLE FACILITY CASCADE CONSTRAINTS;

DROP TABLE RESTAURANT CASCADE CONSTRAINTS;

**3. File in txt format with the script for insertion of the records.**

INSERT INTO DELEGATION values('SPAIN',5);

INSERT INTO DELEGATION values('FRANCE',10);

INSERT INTO DELEGATION values('ENGLAND',15);

INSERT INTO DELEGATION values('ITALY'20);

INSERT INTO DELEGATION values('DENMARK',25);

INSERT INTO DELEGATION values('HOLAND',30);

INSERT INTO DELEGATION values('PORTUGAL',35);

INSERT INTO DELEGATION values('USA',40);

INSERT INTO DELEGATION values('BRAZIL',45);

INSERT INTO DELEGATION values('CANADA',50);

INSERT INTO HOTEL\_DELEGATION values('VENUE1','SPAIN', to\_date('01/09/1955','mm/dd/yyyy'), to\_date('08/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE2','ENGLAND', to\_date('02/09/1955','mm/dd/yyyy'), to\_date('09/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE3','PORTUGAL', to\_date('03/09/1955','mm/dd/yyyy'), to\_date('10/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE4','FRANCE', to\_date('04/09/1955','mm/dd/yyyy'), to\_date('11/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE5','ITALY', to\_date('05/09/1955','mm/dd/yyyy'), to\_date('12/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE6','USA', to\_date('06/09/1955','mm/dd/yyyy'), to\_date('01/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE7','CANADA', to\_date('07/09/1955','mm/dd/yyyy'), to\_date('02/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE8','DENMARK', to\_date('08/09/1955','mm/dd/yyyy'), to\_date('03/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE9','BRAZIL', to\_date('09/09/1955','mm/dd/yyyy'), to\_date('04/09/1955','mm/dd/yyyy'));

INSERT INTO HOTEL\_DELEGATION values('VENUE10','HOLAND', to\_date('10/09/1955','mm/dd/yyyy'), to\_date('05/09/1955','mm/dd/yyyy'));

INSERT INTO ATHLETE values('001','JUAN','A', to\_date('10/01/1955','mm/dd/yyyy'),'FOOTBALL','SPANISH',1.6,153,'629344921','AAAA@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('002','JUANA','A', to\_date('10/02/1955','mm/dd/yyyy'),'SKATE','CHINESSE',1.6,158,'629054921','AABAA@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('003','JUANAN','A', to\_date('10/03/1955','mm/dd/yyyy'),'RUNNING','AMERICAN',1.54,140,'699044921','AABBAA@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('004','JUANI','A', to\_date('10/04/1955','mm/dd/yyyy'),'DANCE','ASIAN',1.51,152,'629044021','AABBAA@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('005','JUANO','A', to\_date('10/05/1955','mm/dd/yyyy'),'SKI','CHINESSE',1.59,159,'609044921','B@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('006','JUANETE','A', to\_date('10/06/1955','mm/dd/yyyy'),'FOOTBALL','FRENCH',1.8,190,'629044901','AABBBAA@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('007','JUANIN','A', to\_date('10/07/1955','mm/dd/yyyy'),'GYMNASTICS','ITALIAN',1.9,159,'6290455921','AABBBBBAA@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('008','JUANCHO','A', to\_date('10/08/1955','mm/dd/yyyy'),'BASKETBALL','AFRICAN',1.45,151,'629042921','ABBBAAA@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('009','JUANE','A', to\_date('10/09/1955','mm/dd/yyyy'),'RUGBY','CANADIAN',1.577,140,'629045921','AABBBBAA@HOTMAL.COM','SPAIN');

INSERT INTO ATHLETE values('000','JUANITO','A', to\_date('10/10/1955','mm/dd/yyyy'),'BOXING','AMERICAN',1.95,150,'625044921','AABBBBBAA@HOTMAL.COM','SPAIN');

INSERT INTO PARTICIPATES values('0001','001',to\_date('10/01/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0002','002',to\_date('10/02/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0003','003',to\_date('10/03/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0004','004',to\_date('10/04/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0005','005',to\_date('10/05/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0006','006',to\_date('10/06/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0007','007',to\_date('10/07/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0008','008',to\_date('10/08/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0009','009',to\_date('10/09/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0010','000',to\_date('10/10/1955','mm/dd/yyyy'));

INSERT INTO EVENT values('0001','FOOTBALL',to\_date('10/12/1955','mm/dd/yyyy'),'SPORTCOMPLEX1',70,50,50);

INSERT INTO EVENT values('0002','RUGBY',to\_date('10/11/1955','mm/dd/yyyy'),'SPORTCOMPLEX2',10,54,52);

INSERT INTO EVENT values('0003','DANCE',to\_date('10/10/1955','mm/dd/yyyy'),'SPORTCOMPLEX3',79,58,54);

INSERT INTO EVENT values('0004','BASKETBALL',to\_date('13/10/1955','mm/dd/yyyy'),'SPORTCOMPLEX4',77,57,57);

INSERT INTO EVENT values('0005','SKATE',to\_date('10/14/1955','mm/dd/yyyy'),'SPORTCOMPLEX5',77,57,57);

INSERT INTO EVENT values('0006','RUN',to\_date('10/16/1955','mm/dd/yyyy'),'SPORTCOMPLEX6',79,59,59);

INSERT INTO EVENT values('0007','TENIS',to\_date('10/15/1955','mm/dd/yyyy'),'SPORTCOMPLEX7',75,55,55);

INSERT INTO EVENT values('0008','BOXING',to\_date('10/17/1955','mm/dd/yyyy'),'SPORTCOMPLEX8',72,55,55);

INSERT INTO EVENT values('0009','HOCKEY',to\_date('10/18/1955','mm/dd/yyyy'),'SPORTCOMPLEX9',71,51,51);

INSERT INTO EVENT values('0010','SKY',to\_date('10/19/1955','mm/dd/yyyy'),'SPORTCOMPLEX10',74,54,54);

INSERT INTO ATTENDS values('12345678','0001',to\_date('10/19/1955','mm/dd/yyyy'),'ROLE1');

INSERT INTO ATTENDS values('12345677','0002',to\_date('10/10/1955','mm/dd/yyyy'),'ROLE2');

INSERT INTO ATTENDS values('12345676','0003',to\_date('10/11/1955','mm/dd/yyyy'),'ROLE3');

INSERT INTO ATTENDS values('12345675','0004',to\_date('10/13/1955','mm/dd/yyyy'),'ROLE4');

INSERT INTO ATTENDS values('12345674','0005',to\_date('10/14/1955','mm/dd/yyyy'),'ROLE5');

INSERT INTO ATTENDS values('12345673','0006',to\_date('10/15/1955','mm/dd/yyyy'),'ROLE6');

INSERT INTO ATTENDS values('12345672','0007',to\_date('10/16/1955','mm/dd/yyyy'),'ROLE7');

INSERT INTO ATTENDS values('12345671','0008',to\_date('10/17/1955','mm/dd/yyyy'),'ROLE8');

INSERT INTO ATTENDS values('12345670','0009',to\_date('10/18/1955','mm/dd/yyyy'),'ROLE9');

INSERT INTO ATTENDS values('12345679','0000',to\_date('10/12/1955','mm/dd/yyyy'),'ROLE0');

INSERT INTO EMPLOYEE values('12345679','MARIA','SUR1',' AAA@HOTMAIL.ES','manager');

INSERT INTO EMPLOYEE values('12345670','MARI','SUR2',' ASA@HOTMAIL.ES','maintenance');

INSERT INTO EMPLOYEE values('12345671','MARI0','SUR3',' AGAA@HOTMAIL.ES','supervisor');

INSERT INTO EMPLOYEE values('12345672','MARIAN','SUR4',' AKAA@HOTMAIL.ES','manager');

INSERT INTO EMPLOYEE values('12345673','MAR','SUR5',' AASA@HOTMAIL.ES','maintenance');

INSERT INTO EMPLOYEE values('12345674','MARA','SUR6',' AASSA@HOTMAIL.ES','maintenance');

INSERT INTO EMPLOYEE values('12345675','MARTA','SUR7',' AAOA@HOTMAIL.ES','maintenance');

INSERT INTO EMPLOYEE values('12345676','MARIAJOSE','SUR8',' A2AA@HOTMAIL.ES','cleaning');

INSERT INTO EMPLOYEE values('12345677','MARILUZ','SUR9',' AAHGFA@HOTMAIL.ES','official');

INSERT INTO EMPLOYEE values('12345678','MARIANA','SUR0',' AAAGTF@HOTMAIL.ES','security');

INSERT INTO EQUIPMENT values('0001','EQUIP1');

INSERT INTO EQUIPMENT values('0002','EQUIP2');

INSERT INTO EQUIPMENT values('0003','EQUIP3');

INSERT INTO EQUIPMENT values('0004','EQUIP4');

INSERT INTO EQUIPMENT values('0005','EQUIP5');

INSERT INTO EQUIPMENT values('0006','EQUIP6');

INSERT INTO EQUIPMENT values('0007','EQUIP7');

INSERT INTO EQUIPMENT values('0008','EQUIP8');

INSERT INTO EQUIPMENT values('0009','EQUIP9');

INSERT INTO EQUIPMENT values('0000','EQUIP0');

INSERT INTO VENUE values('001','ADDRESS1');

INSERT INTO VENUE values('002','ADDRESS2');

INSERT INTO VENUE values('003','ADDRESS3');

INSERT INTO VENUE values('004','ADDRESS4');

INSERT INTO VENUE values('005','ADDRESS5');

INSERT INTO VENUE values('006','ADDRESS6');

INSERT INTO VENUE values('007','ADDRESS7');

INSERT INTO VENUE values('008','ADDRESS8');

INSERT INTO VENUE values('009','ADDRESS9');

INSERT INTO VENUE values('000','ADDRESS0');

INSERT INTO SPORT\_COMPLEX VALUES('NAME1', TIMESTAMP '1997-01-31 09:26:50.12','ADDRESS1','123456781','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME2', TIMESTAMP '1997-02-31 09:26:50.12','ADDRESS2','123456782','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME3', TIMESTAMP '1997-03-31 09:26:50.12','ADDRESS3','123456783','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME4', TIMESTAMP '1997-04-31 09:26:50.12','ADDRESS4','123456784','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME5', TIMESTAMP '1997-06-31 09:26:50.12','ADDRESS5','123456785','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME6', TIMESTAMP '1997-07-31 09:26:50.12','ADDRESS6','123456786','001','multisport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME7', TIMESTAMP '1997-08-31 09:26:50.12','ADDRESS7','123456787','001','multisport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME8', TIMESTAMP '1997-09-31 09:26:50.12','ADDRESS8','123456788','001','multisport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME9', TIMESTAMP '1997-05-31 09:26:50.12','ADDRESS9','123456789','001','multisport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME10', TIMESTAMP '1997-10-31 09:26:50.12','ADDRESS10','123456780','001','multisport');

INSERT INTO MULTI\_COMPLEX VALUES('NAME1','200M' ,5,10,10);

INSERT INTO MULTI\_COMPLEX VALUES('NAME2','200M' ,6,12,20);

INSERT INTO MULTI\_COMPLEX VALUES('NAME3','200M' ,7,11,30);

INSERT INTO MULTI\_COMPLEX VALUES('NAME4','200M' ,8,14,40);

INSERT INTO MULTI\_COMPLEX VALUES('NAME5','200M' ,9,15,50);

INSERT INTO MULTI\_COMPLEX VALUES('NAME6','200M' ,50,60,60);

INSERT INTO MULTI\_COMPLEX VALUES('NAME7','200M' ,4,17,17);

INSERT INTO MULTI\_COMPLEX VALUES('NAME8','200M' ,3,1,80);

INSERT INTO MULTI\_COMPLEX VALUES('NAME9','200M' ,2,9,800);

INSERT INTO MULTI\_COMPLEX VALUES('NAME0','200M' ,1,30,90);

INSERT INTO FACILITY\_STAFF values('12345678','1234567891');

INSERT INTO FACILITY\_STAFF values('12345679','1234567892');

INSERT INTO FACILITY\_STAFF values('12345670','1234567893');

INSERT INTO FACILITY\_STAFF values('12345671','1234567894');

INSERT INTO FACILITY\_STAFF values('12345672','1234567895');

INSERT INTO FACILITY\_STAFF values('12345673','1234567896');

INSERT INTO FACILITY\_STAFF values('12345674','1234567897');

INSERT INTO FACILITY\_STAFF values('12345675','1234567898');

INSERT INTO FACILITY\_STAFF values('12345676','1234567899');

INSERT INTO FACILITY\_STAFF values('12345677','1234567890');

INSERT INTO FACILITY VALUES('VENUE1','12345678',20,'12305678','hotel');

INSERT INTO FACILITY VALUES('VENUE2','12345671',29,'12395678','hotel');

INSERT INTO FACILITY VALUES('VENUE3','12345672',28,'12385678','hotel');

INSERT INTO FACILITY VALUES('VENUE4','12345677',27,'12375678','apartment');

INSERT INTO FACILITY VALUES('VENUE5','12345674',26,'12365678','apartment');

INSERT INTO FACILITY VALUES('VENUE6','12345670',25,'12355678','apartment');

INSERT INTO FACILITY VALUES('VENUE7','12345672',24,'12345678','apartment');

INSERT INTO FACILITY VALUES('VENUE8','12345673',23,'12335678','restaurant');

INSERT INTO FACILITY VALUES('VENUE9','12345679',22,'12325678','restaurant');

INSERT INTO FACILITY VALUES('VENUE10','12345676',21,'12145678','restaurant');

INSERT INTO EMP\_PHONE values('123456789','629044921');

INSERT INTO EMP\_PHONE values('123456780','629044922');

INSERT INTO EMP\_PHONE values('123456781','629044923');

INSERT INTO EMP\_PHONE values('123456782','629044924');

INSERT INTO EMP\_PHONE values('123456783','629044925');

INSERT INTO EMP\_PHONE values('123456784','629044926');

INSERT INTO EMP\_PHONE values('123456785','629044927');

INSERT INTO EMP\_PHONE values('123456786','629044928');

INSERT INTO EMP\_PHONE values('123456787','629044929');

INSERT INTO EMP\_PHONE values('123456788','629044920');

INSERT INTO RESTAURANT VALUES('VENUE1','CHINESSE');

INSERT INTO RESTAURANT VALUES('VENUE2','INDIAN');

INSERT INTO RESTAURANT VALUES('VENUE3','AFRICAN');

INSERT INTO RESTAURANT VALUES('VENUE4','FRENCH');

INSERT INTO RESTAURANT VALUES('VENUE5','SPANISH');

INSERT INTO RESTAURANT VALUES('VENUE6','AMERICAN');

INSERT INTO RESTAURANT VALUES('VENUE7','CANADIAN');

INSERT INTO RESTAURANT VALUES('VENUE8','ASIAN');

INSERT INTO RESTAURANT VALUES('VENUE9','ITALIAN');

INSERT INTO RESTAURANT VALUES('VENUE10','LATIN');

**4. File in txt format with the script for the creation of FK constraints.**

ALTER TABLE RESTAURANT ADD CONSTRAINT RESTAURANT\_FK\_FACILITY FOREIGN KEY (FACILITY) REFERENCES FACILITY(VENUE);

ALTER TABLE FACILITY\_STAFF ADD CONSTRAINT FACILITY\_STAFF\_FK\_FACILITY FOREIGN KEY (FACILITY) REFERENCES FACILITY(VENUE);

ALTER TABLE EMP\_PHONE ADD CONSTRAINT EMP\_PHONE\_FK\_ID\_NUMBER FOREIGN KEY (ID\_NUMBER) REFERENCES EMPLOYEE(ID\_NUMBER);

ALTER TABLE FACILITY\_STAFF ADD CONSTRAINT FACILITY\_STAFF\_FK\_EMPLOYEE FOREIGN KEY (EMPLOYEE) REFERENCES EMPLOYEE(ID\_NUMBER);

ALTER TABLE MULTI\_COMPLEX ADD CONSTRAINT MULTI\_COMPLEX\_FK\_NAMES FOREIGN KEY (NAMES) REFERENCES SPORT\_COMPLEX(NAMES);

ALTER TABLE SPORT\_COMPLEX ADD CONSTRAINT SPORT\_COMPLEX\_FK\_MANAGR FOREIGN KEY (MANAGR) REFERENCES EMPLOYEE(ID\_NUMBER);

ALTER TABLE SPORT\_COMPLEX ADD CONSTRAINT SPORT\_COMPLEX\_FK\_VENUE FOREIGN KEY (VENUE) REFERENCES VENUE(CODE);

ALTER TABLE EQUIPMENT ADD CONSTRAINT EQUIPMENT\_FK\_EVENT FOREIGN KEY (EVENT) REFERENCES EVENT(CODE);

ALTER TABLE EVENT ADD CONSTRAINT EVENT\_FK\_SPORT\_COMPLEX FOREIGN KEY (SPORT\_COMPLEX) REFERENCES SPORT\_COMPLEX(NAMES);

ALTER TABLE ATTENDS ADD CONSTRAINT ATTENDS\_FK\_OFFICIAL FOREIGN KEY (OFFICIAL) REFERENCES EMPLOYEE(ID\_NUMBER);

ALTER TABLE ATTENDS ADD CONSTRAINT ATTENDS\_FK\_EVENT FOREIGN KEY (EVENT) REFERENCES EVENT(CODE);

ALTER TABLE PARTICIPATES ADD CONSTRAINT PARTICIPATES\_FK\_EVENT FOREIGN KEY (EVENT) REFERENCES EVENT(CODE);

ALTER TABLE PARTICIPATES ADD CONSTRAINT PARTICIPATES\_FK\_ATHLETE FOREIGN KEY (ATHLETE) REFERENCES ATHLETE(ID\_NUMBER);

ALTER TABLE ATHLETE ADD CONSTRAINT ATHLETE\_FK\_DELEGATION FOREIGN KEY (DELEGATION) REFERENCES DELEGATION(COUNTRY);

ALTER TABLE HOTEL\_DELEGATION ADD CONSTRAINT HOTEL\_DELEGATION\_FK\_FACILITY FOREIGN KEY (FACILITY) REFERENCES FACILITY(VENUE);

ALTER TABLE HOTEL\_DELEGATION ADD CONSTRAINT HOTEL\_DELEGATION\_FK\_DELEGATION FOREIGN KEY (DELEGATION) REFERENCES DELEGATION(COUNTRY);

**5. File in txt format with the script for the queries and trigger**

**INSERT INTO DELEGATION values('SPAIN',5);**

**INSERT INTO DELEGATION values('FRANCE',10);**

**INSERT INTO DELEGATION values('ENGLAND',15);**

**INSERT INTO DELEGATION values('ITALY'20);**

**INSERT INTO DELEGATION values('DENMARK',25);**

**INSERT INTO DELEGATION values('HOLAND',30);**

**INSERT INTO DELEGATION values('PORTUGAL',35);**

**INSERT INTO DELEGATION values('USA',40);**

**INSERT INTO DELEGATION values('BRAZIL',45);**

**INSERT INTO DELEGATION values('CANADA',50);**

**INSERT INTO FACILITY VALUES('VENUE1','12345678',20,'12305678','hotel');**

**INSERT INTO FACILITY VALUES('VENUE2','12345671',29,'12395678','hotel');**

**INSERT INTO FACILITY VALUES('VENUE3','12345672',28,'12385678','hotel');**

**INSERT INTO FACILITY VALUES('VENUE4','12345677',27,'12375678','apartment');**

**INSERT INTO FACILITY VALUES('VENUE5','12345674',26,'12365678','apartment');**

**INSERT INTO FACILITY VALUES('VENUE6','12345670',25,'12355678','apartment');**

**INSERT INTO FACILITY VALUES('VENUE7','12345672',24,'12345678','apartment');**

**INSERT INTO FACILITY VALUES('VENUE8','12345673',23,'12335678','restaurant');**

**INSERT INTO FACILITY VALUES('VENUE9','12345679',22,'12325678','restaurant');**

**INSERT INTO FACILITY VALUES('VENUE10','12345676',21,'12145678','restaurant');**

**INSERT INTO HOTEL\_DELEGATION values('VENUE1','SPAIN', to\_date('01/09/1955','mm/dd/yyyy'), to\_date('08/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE2','ENGLAND', to\_date('02/09/1955','mm/dd/yyyy'), to\_date('09/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE3','PORTUGAL', to\_date('03/09/1955','mm/dd/yyyy'), to\_date('10/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE4','FRANCE', to\_date('04/09/1955','mm/dd/yyyy'), to\_date('11/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE5','ITALY', to\_date('05/09/1955','mm/dd/yyyy'), to\_date('12/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE6','USA', to\_date('06/09/1955','mm/dd/yyyy'), to\_date('01/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE7','CANADA', to\_date('07/09/1955','mm/dd/yyyy'), to\_date('02/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE8','DENMARK', to\_date('08/09/1955','mm/dd/yyyy'), to\_date('03/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE9','BRAZIL', to\_date('09/09/1955','mm/dd/yyyy'), to\_date('04/09/1955','mm/dd/yyyy'));**

**INSERT INTO HOTEL\_DELEGATION values('VENUE10','HOLAND', to\_date('10/09/1955','mm/dd/yyyy'), to\_date('05/09/1955','mm/dd/yyyy'));**

**INSERT INTO ATHLETE values('001','JUAN','A', to\_date('10/01/1955','mm/dd/yyyy'),'FOOTBALL','SPANISH',1.6,153,'629344921','AAAA@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('002','JUANA','A', to\_date('10/02/1955','mm/dd/yyyy'),'SKATE','CHINESSE',1.6,158,'629054921','AABAA@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('003','JUANAN','A', to\_date('10/03/1955','mm/dd/yyyy'),'RUNNING','AMERICAN',1.54,140,'699044921','AABBAA@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('004','JUANI','A', to\_date('10/04/1955','mm/dd/yyyy'),'DANCE','ASIAN',1.51,152,'629044021','AABBAA@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('005','JUANO','A', to\_date('10/05/1955','mm/dd/yyyy'),'SKI','CHINESSE',1.59,159,'609044921','B@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('006','JUANETE','A', to\_date('10/06/1955','mm/dd/yyyy'),'FOOTBALL','FRENCH',1.8,190,'629044901','AABBBAA@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('007','JUANIN','A', to\_date('10/07/1955','mm/dd/yyyy'),'GYMNASTICS','ITALIAN',1.9,159,'6290455921','AABBBBBAA@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('008','JUANCHO','A', to\_date('10/08/1955','mm/dd/yyyy'),'BASKETBALL','AFRICAN',1.45,151,'629042921','ABBBAAA@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('009','JUANE','A', to\_date('10/09/1955','mm/dd/yyyy'),'RUGBY','CANADIAN',1.577,140,'629045921','AABBBBAA@HOTMAL.COM','SPAIN');**

**INSERT INTO ATHLETE values('000','JUANITO','A', to\_date('10/10/1955','mm/dd/yyyy'),'BOXING','AMERICAN',1.95,150,'625044921','AABBBBBAA@HOTMAL.COM','SPAIN');**

INSERT INTO PARTICIPATES values('0001','001',to\_date('10/01/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0002','002',to\_date('10/02/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0003','003',to\_date('10/03/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0004','004',to\_date('10/04/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0005','005',to\_date('10/05/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0006','006',to\_date('10/06/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0007','007',to\_date('10/07/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0008','008',to\_date('10/08/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0009','009',to\_date('10/09/1955','mm/dd/yyyy'));

INSERT INTO PARTICIPATES values('0010','000',to\_date('10/10/1955','mm/dd/yyyy'));

INSERT INTO EVENT values('0001','FOOTBALL',to\_date('10/12/1955','mm/dd/yyyy'),'SPORTCOMPLEX1',70,50,50);

INSERT INTO EVENT values('0002','RUGBY',to\_date('10/11/1955','mm/dd/yyyy'),'SPORTCOMPLEX2',10,54,52);

INSERT INTO EVENT values('0003','DANCE',to\_date('10/10/1955','mm/dd/yyyy'),'SPORTCOMPLEX3',79,58,54);

INSERT INTO EVENT values('0004','BASKETBALL',to\_date('13/10/1955','mm/dd/yyyy'),'SPORTCOMPLEX4',77,57,57);

INSERT INTO EVENT values('0005','SKATE',to\_date('10/14/1955','mm/dd/yyyy'),'SPORTCOMPLEX5',77,57,57);

INSERT INTO EVENT values('0006','RUN',to\_date('10/16/1955','mm/dd/yyyy'),'SPORTCOMPLEX6',79,59,59);

INSERT INTO EVENT values('0007','TENIS',to\_date('10/15/1955','mm/dd/yyyy'),'SPORTCOMPLEX7',75,55,55);

INSERT INTO EVENT values('0008','BOXING',to\_date('10/17/1955','mm/dd/yyyy'),'SPORTCOMPLEX8',72,55,55);

INSERT INTO EVENT values('0009','HOCKEY',to\_date('10/18/1955','mm/dd/yyyy'),'SPORTCOMPLEX9',71,51,51);

INSERT INTO EVENT values('0010','SKY',to\_date('10/19/1955','mm/dd/yyyy'),'SPORTCOMPLEX10',74,54,54);

INSERT INTO ATTENDS values('12345678','0001',to\_date('10/19/1955','mm/dd/yyyy'),'ROLE1');

INSERT INTO ATTENDS values('12345677','0002',to\_date('10/10/1955','mm/dd/yyyy'),'ROLE2');

INSERT INTO ATTENDS values('12345676','0003',to\_date('10/11/1955','mm/dd/yyyy'),'ROLE3');

INSERT INTO ATTENDS values('12345675','0004',to\_date('10/13/1955','mm/dd/yyyy'),'ROLE4');

INSERT INTO ATTENDS values('12345674','0005',to\_date('10/14/1955','mm/dd/yyyy'),'ROLE5');

INSERT INTO ATTENDS values('12345673','0006',to\_date('10/15/1955','mm/dd/yyyy'),'ROLE6');

INSERT INTO ATTENDS values('12345672','0007',to\_date('10/16/1955','mm/dd/yyyy'),'ROLE7');

INSERT INTO ATTENDS values('12345671','0008',to\_date('10/17/1955','mm/dd/yyyy'),'ROLE8');

INSERT INTO ATTENDS values('12345670','0009',to\_date('10/18/1955','mm/dd/yyyy'),'ROLE9');

INSERT INTO ATTENDS values('12345679','0000',to\_date('10/12/1955','mm/dd/yyyy'),'ROLE0');

INSERT INTO EQUIPMENT values('0001','EQUIP1');

INSERT INTO EQUIPMENT values('0002','EQUIP2');

INSERT INTO EQUIPMENT values('0003','EQUIP3');

INSERT INTO EQUIPMENT values('0004','EQUIP4');

INSERT INTO EQUIPMENT values('0005','EQUIP5');

INSERT INTO EQUIPMENT values('0006','EQUIP6');

INSERT INTO EQUIPMENT values('0007','EQUIP7');

INSERT INTO EQUIPMENT values('0008','EQUIP8');

INSERT INTO EQUIPMENT values('0009','EQUIP9');

INSERT INTO EQUIPMENT values('0000','EQUIP0');

**INSERT INTO VENUE values('001','ADDRESS1');**

**INSERT INTO VENUE values('002','ADDRESS2');**

**INSERT INTO VENUE values('003','ADDRESS3');**

**INSERT INTO VENUE values('004','ADDRESS4');**

**INSERT INTO VENUE values('005','ADDRESS5');**

**INSERT INTO VENUE values('006','ADDRESS6');**

**INSERT INTO VENUE values('007','ADDRESS7');**

**INSERT INTO VENUE values('008','ADDRESS8');**

**INSERT INTO VENUE values('009','ADDRESS9');**

**INSERT INTO VENUE values('000','ADDRESS0');**

INSERT INTO SPORT\_COMPLEX VALUES('NAME1', TIMESTAMP '1997-01-31 09:26:50.12','ADDRESS1','123456781','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME2', TIMESTAMP '1997-02-31 09:26:50.12','ADDRESS2','123456782','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME3', TIMESTAMP '1997-03-31 09:26:50.12','ADDRESS3','123456783','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME4', TIMESTAMP '1997-04-31 09:26:50.12','ADDRESS4','123456784','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME5', TIMESTAMP '1997-06-31 09:26:50.12','ADDRESS5','123456785','001','onesport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME6', TIMESTAMP '1997-07-31 09:26:50.12','ADDRESS6','123456786','001','multisport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME7', TIMESTAMP '1997-08-31 09:26:50.12','ADDRESS7','123456787','001','multisport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME8', TIMESTAMP '1997-09-31 09:26:50.12','ADDRESS8','123456788','001','multisport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME9', TIMESTAMP '1997-05-31 09:26:50.12','ADDRESS9','123456789','001','multisport');

INSERT INTO SPORT\_COMPLEX VALUES('NAME10', TIMESTAMP '1997-10-31 09:26:50.12','ADDRESS10','123456780','001','multisport');

INSERT INTO MULTI\_COMPLEX VALUES('NAME1','200M' ,5,10,10);

INSERT INTO MULTI\_COMPLEX VALUES('NAME2','200M' ,6,12,20);

INSERT INTO MULTI\_COMPLEX VALUES('NAME3','200M' ,7,11,30);

INSERT INTO MULTI\_COMPLEX VALUES('NAME4','200M' ,8,14,40);

INSERT INTO MULTI\_COMPLEX VALUES('NAME5','200M' ,9,15,50);

INSERT INTO MULTI\_COMPLEX VALUES('NAME6','200M' ,50,60,60);

INSERT INTO MULTI\_COMPLEX VALUES('NAME7','200M' ,4,17,17);

INSERT INTO MULTI\_COMPLEX VALUES('NAME8','200M' ,3,1,80);

INSERT INTO MULTI\_COMPLEX VALUES('NAME9','200M' ,2,9,800);

INSERT INTO MULTI\_COMPLEX VALUES('NAME0','200M' ,1,30,90);

INSERT INTO EMPLOYEE values('12345679','MARIA','SUR1',' AAA@HOTMAIL.ES','manager');

INSERT INTO EMPLOYEE values('12345670','MARI','SUR2',' ASA@HOTMAIL.ES','maintenance');

INSERT INTO EMPLOYEE values('12345671','MARI0','SUR3',' AGAA@HOTMAIL.ES','supervisor');

INSERT INTO EMPLOYEE values('12345672','MARIAN','SUR4',' AKAA@HOTMAIL.ES','manager');

INSERT INTO EMPLOYEE values('12345673','MAR','SUR5',' AASA@HOTMAIL.ES','maintenance');

INSERT INTO EMPLOYEE values('12345674','MARA','SUR6',' AASSA@HOTMAIL.ES','maintenance');

INSERT INTO EMPLOYEE values('12345675','MARTA','SUR7',' AAOA@HOTMAIL.ES','maintenance');

INSERT INTO EMPLOYEE values('12345676','MARIAJOSE','SUR8',' A2AA@HOTMAIL.ES','cleaning');

INSERT INTO EMPLOYEE values('12345677','MARILUZ','SUR9',' AAHGFA@HOTMAIL.ES','official');

INSERT INTO EMPLOYEE values('12345678','MARIANA','SUR0',' AAAGTF@HOTMAIL.ES','security');

INSERT INTO FACILITY\_STAFF values('12345679','1234567891');

INSERT INTO FACILITY\_STAFF values('12345670','1234567892');

INSERT INTO FACILITY\_STAFF values('12345671','1234567893');

INSERT INTO FACILITY\_STAFF values('12345672','1234567894');

INSERT INTO FACILITY\_STAFF values('12345673','1234567895');

INSERT INTO FACILITY\_STAFF values('12345674','1234567896');

INSERT INTO FACILITY\_STAFF values('12345675','1234567897');

INSERT INTO FACILITY\_STAFF values('12345676','1234567898');

INSERT INTO FACILITY\_STAFF values('12345677','1234567899');

INSERT INTO FACILITY\_STAFF values('12345678','1234567890');

**INSERT INTO FACILITY VALUES('VENUE1','12345678',20,'12305678','hotel');**

**INSERT INTO FACILITY VALUES('VENUE2','12345671',29,'12395678','hotel');**

**INSERT INTO FACILITY VALUES('VENUE3','12345672',28,'12385678','hotel');**

**INSERT INTO FACILITY VALUES('VENUE4','12345677',27,'12375678','apartment');**

**INSERT INTO FACILITY VALUES('VENUE5','12345674',26,'12365678','apartment');**

**INSERT INTO FACILITY VALUES('VENUE6','12345670',25,'12355678','apartment');**

**INSERT INTO FACILITY VALUES('VENUE7','12345672',24,'12345678','apartment');**

**INSERT INTO FACILITY VALUES('VENUE8','12345673',23,'12335678','restaurant');**

**INSERT INTO FACILITY VALUES('VENUE9','12345679',22,'12325678','restaurant');**

**INSERT INTO FACILITY VALUES('VENUE10','12345676',21,'12145678','restaurant');**

INSERT INTO EMP\_PHONE values('123456789','629044921');

INSERT INTO EMP\_PHONE values('123456780','629044922');

INSERT INTO EMP\_PHONE values('123456781','629044923');

INSERT INTO EMP\_PHONE values('123456782','629044924');

INSERT INTO EMP\_PHONE values('123456783','629044925');

INSERT INTO EMP\_PHONE values('123456784','629044926');

INSERT INTO EMP\_PHONE values('123456785','629044927');

INSERT INTO EMP\_PHONE values('123456786','629044928');

INSERT INTO EMP\_PHONE values('123456787','629044929');

INSERT INTO EMP\_PHONE values('123456788','629044920');

**INSERT INTO RESTAURANT VALUES('VENUE1','CHINESSE');**

**INSERT INTO RESTAURANT VALUES('VENUE2','INDIAN');**

**INSERT INTO RESTAURANT VALUES('VENUE3','AFRICAN');**

**INSERT INTO RESTAURANT VALUES('VENUE4','FRENCH');**

**INSERT INTO RESTAURANT VALUES('VENUE5','SPANISH');**

**INSERT INTO RESTAURANT VALUES('VENUE6','AMERICAN');**

**INSERT INTO RESTAURANT VALUES('VENUE7','CANADIAN');**

**INSERT INTO RESTAURANT VALUES('VENUE8','ASIAN');**

**INSERT INTO RESTAURANT VALUES('VENUE9','ITALIAN');**

**INSERT INTO RESTAURANT VALUES('VENUE10','LATIN');**