**CREATE TABLES/CONSTRAINTS/SEQUENCES**

drop table event\_reservation cascade constraints;

drop table event\_type cascade constraints;

drop table guests cascade constraints;

drop table hosts cascade constraints;

drop table hotel cascade constraints;

drop table invoice cascade constraints;

drop table room\_type cascade constraints;

drop table services cascade constraints;

drop table services\_for\_events cascade constraints;

drop table event\_rooms cascade constraints;

drop sequence guest\_id\_seq;

drop sequence host\_id\_seq;

drop sequence hotel\_id\_seq;

drop sequence room\_id\_seq;

drop sequence service\_id\_seq;

drop sequence event\_id\_seq;

drop sequence invoice\_id\_seq;

drop sequence event\_reservation\_id\_seq;

--------------------------------------------------------

-- DDL for Table EVENT\_RESERVATION

--------------------------------------------------------

CREATE TABLE "EVENT\_RESERVATION"

( "EVENT\_RESERVATION\_ID" NUMBER(\*,0),

"HOTEL\_ID" NUMBER(\*,0),

"HOST\_ID" NUMBER(\*,0),

"START\_DATE" DATE,

"END\_DATE" DATE,

"DATE\_OF\_RESERVATION" DATE,

"NUM\_SMALL\_ROOMS" NUMBER(\*,0),

"NUM\_MEDIUM\_ROOMS" NUMBER(\*,0),

"NUM\_LARGE\_ROOMS" NUMBER(\*,0),

"DISCOUNT" NUMBER(\*,0),

"NUM\_OF\_GUESTS" NUMBER(\*,0),

"EVENT\_ID" NUMBER(\*,0)

);

--------------------------------------------------------

-- DDL for Table EVENT\_TYPE

--------------------------------------------------------

CREATE TABLE "EVENT\_TYPE"

( "EVENT\_ID" NUMBER(\*,0),

"EVENT\_NAME" VARCHAR2(50)

);

--------------------------------------------------------

-- DDL for Table GUESTS

--------------------------------------------------------

CREATE TABLE "GUESTS"

( "GUEST\_ID" NUMBER(\*,0),

"GUEST\_NAME" VARCHAR2(50),

"HOST\_ID" NUMBER(\*,0)

);

--------------------------------------------------------

-- DDL for Table HOSTS

--------------------------------------------------------

CREATE TABLE "HOSTS"

( "HOST\_ID" NUMBER(\*,0),

"HOST\_NAME" VARCHAR2(50)

);

--------------------------------------------------------

-- DDL for Table HOTEL

--------------------------------------------------------

CREATE TABLE "HOTEL"

( "HOTEL\_ID" NUMBER(\*,0),

"STREET\_ADDRESS" VARCHAR2(50),

"CITY" VARCHAR2(25),

"STATE" VARCHAR2(20),

"ZIP\_CODE" VARCHAR2(5),

"PHONE\_NUMBER" VARCHAR2(10),

"MAX\_SMALL\_ROOM\_AVAIL" NUMBER(\*,0),

"MAX\_MEDIUM\_ROOM\_AVAIL" NUMBER(\*,0),

"MAX\_LARGE\_ROOM\_AVAIL" NUMBER(\*,0)

);

--------------------------------------------------------

-- DDL for Table INVOICE

--------------------------------------------------------

CREATE TABLE "INVOICE"

( "INVOICE\_ID" NUMBER(\*,0),

"EVENT\_RESERVATION\_ID" NUMBER(\*,0)

);

--------------------------------------------------------

-- DDL for Table ROOM\_TYPE

--------------------------------------------------------

CREATE TABLE "ROOM\_TYPE"

( "ROOM\_ID" NUMBER(\*,0),

"ROOM\_TYPE" VARCHAR2(15),

"ROOM\_CAPACITY" NUMBER(\*,0),

"ROOM\_PRICE" NUMBER(\*,0)

);

--------------------------------------------------------

-- DDL for Table SERVICES

--------------------------------------------------------

CREATE TABLE "SERVICES"

( "SERVICE\_ID" NUMBER(\*,0),

"SERVICE\_TYPE" VARCHAR2(50),

"SERVICE\_PRICE" NUMBER(\*,0),

"PER\_PERSON\_OR\_EVENT" VARCHAR(10)

);

--------------------------------------------------------

-- DDL for Table SERVICES\_FOR\_EVENTS

--------------------------------------------------------

CREATE TABLE "SERVICES\_FOR\_EVENTS"

( "EVENT\_RESERVATION\_ID" NUMBER(\*,0),

"SERVICE\_ID" NUMBER(\*,0)

);

--------------------------------------------------------

-- DDL for Table EVENT\_ROOMS

--------------------------------------------------------

CREATE TABLE "EVENT\_ROOMS"

( "EVENT\_ID" NUMBER(\*,0),

"HOST\_ID" NUMBER(\*,0),

"ROOM\_TYPE" VARCHAR(10),

"ROOM\_COUNT" NUMBER(\*,0)

);

ALTER TABLE "EVENT\_RESERVATION" ADD PRIMARY KEY ("EVENT\_RESERVATION\_ID") ENABLE;

--------------------------------------------------------

-- Constraints for Table EVENT\_TYPE

--------------------------------------------------------

ALTER TABLE "EVENT\_TYPE" ADD PRIMARY KEY ("EVENT\_ID") ENABLE;

--------------------------------------------------------

-- Constraints for Table GUESTS

--------------------------------------------------------

ALTER TABLE "GUESTS" ADD PRIMARY KEY ("GUEST\_ID") ENABLE;

--------------------------------------------------------

-- Constraints for Table HOSTS

--------------------------------------------------------

ALTER TABLE "HOSTS" ADD PRIMARY KEY ("HOST\_ID") ENABLE;

--------------------------------------------------------

-- Constraints for Table HOTEL

--------------------------------------------------------

ALTER TABLE "HOTEL" ADD PRIMARY KEY ("STREET\_ADDRESS", "CITY", "STATE", "ZIP\_CODE") ENABLE;

--------------------------------------------------------

-- Constraints for Table INVOICE

--------------------------------------------------------

ALTER TABLE "INVOICE" ADD PRIMARY KEY ("INVOICE\_ID") ENABLE;

--------------------------------------------------------

-- Constraints for Table ROOM\_TYPE

--------------------------------------------------------

ALTER TABLE "ROOM\_TYPE" ADD PRIMARY KEY ("ROOM\_ID") ENABLE;

--------------------------------------------------------

-- Constraints for Table SERVICES

--------------------------------------------------------

ALTER TABLE "SERVICES" ADD PRIMARY KEY ("SERVICE\_ID") ENABLE;

--------------------------------------------------------

-- Ref Constraints for Table GUESTS

--------------------------------------------------------

ALTER TABLE "GUESTS" ADD CONSTRAINT "HOST\_ID" FOREIGN KEY ("HOST\_ID")

REFERENCES "HOSTS" ("HOST\_ID") ENABLE;

--------------------------------------------------------

-- Ref Constraints for Table INVOICE

--------------------------------------------------------

ALTER TABLE "INVOICE" ADD CONSTRAINT "EVENT\_RESERVATION\_ID\_FK" FOREIGN KEY ("EVENT\_RESERVATION\_ID")

REFERENCES "EVENT\_RESERVATION" ("EVENT\_RESERVATION\_ID") ENABLE;

--------------------------------------------------------

-- Ref Constraints for Table SERVICES\_FOR\_EVENTS

--------------------------------------------------------

ALTER TABLE "SERVICES\_FOR\_EVENTS" ADD CONSTRAINT "EVENT\_RESERVATION\_ID" FOREIGN KEY ("EVENT\_RESERVATION\_ID")

REFERENCES "EVENT\_RESERVATION" ("EVENT\_RESERVATION\_ID") ENABLE;

ALTER TABLE "SERVICES\_FOR\_EVENTS" ADD CONSTRAINT "SERVICE\_ID" FOREIGN KEY ("SERVICE\_ID")

REFERENCES "SERVICES" ("SERVICE\_ID") ENABLE;

--------------------------------------------------------

-- Ref Constraints for Table EVENT\_RESERVATION

--------------------------------------------------------

ALTER TABLE "EVENT\_RESERVATION" ADD CONSTRAINT "EVENT\_ID" FOREIGN KEY ("EVENT\_ID")

REFERENCES "EVENT\_TYPE" ("EVENT\_ID") ENABLE;

ALTER TABLE "EVENT\_RESERVATION" ADD CONSTRAINT "HOTEL\_ID" FOREIGN KEY ("HOTEL\_ID")

REFERENCES "HOTEL" ("HOTEL\_ID") ENABLE;

ALTER TABLE "EVENT\_RESERVATION" ADD CONSTRAINT "HOST\_ID\_EVENT\_FK" FOREIGN KEY ("HOST\_ID")

REFERENCES "HOSTS" ("HOST\_ID") ENABLE;

--------------------------------------------------------

-- Ref Constraints for Table EVENT\_ROOMS

--------------------------------------------------------

ALTER TABLE "EVENT\_ROOMS" ADD CONSTRAINT "EVENT\_ROOMS\_EVENT\_ID\_FK" FOREIGN KEY ("EVENT\_ID")

REFERENCES "EVENT\_TYPE" ("EVENT\_ID") ENABLE;

ALTER TABLE "EVENT\_ROOMS" ADD CONSTRAINT "EVENT\_ROOMS\_HOST\_ID\_FK" FOREIGN KEY ("HOST\_ID")

REFERENCES "HOSTS" ("HOST\_ID") ENABLE;

create sequence host\_id\_seq increment by 1 start with 1;

create sequence guest\_id\_seq increment by 1 start with 1;

create sequence hotel\_id\_seq increment by 1 start with 1;

create sequence service\_id\_seq increment by 1 start with 1;

create sequence room\_id\_seq increment by 1 start with 1;

create sequence event\_id\_seq increment by 1 start with 1;

create sequence invoice\_id\_seq increment by 1 start with 1;

create sequence event\_reservation\_id\_seq increment by 1 start with 1;

**INSERT STATEMENTS FOR TABLES**

--HOSTS

INSERT INTO "HOSTS" (host\_id, host\_name) VALUES(host\_id\_seq.nextval, 'Brad Anderson');

INSERT INTO "HOSTS" (host\_id, host\_name) VALUES(host\_id\_seq.nextval, 'Priyanka Ranade');

INSERT INTO "HOSTS" (host\_id, host\_name) VALUES(host\_id\_seq.nextval, 'Venkata Sai Sindhuja Chidipothu');

INSERT INTO "HOSTS" (host\_id, host\_name) VALUES(host\_id\_seq.nextval, 'Kajal Pansare');

INSERT INTO "HOSTS" (host\_id, host\_name) VALUES(host\_id\_seq.nextval, 'George Karabatis');

--GUESTS

INSERT INTO "GUESTS" (guest\_id, guest\_name, host\_id) VALUES(GUEST\_ID\_SEQ.nextval, 'Max Smith', 3);

INSERT INTO "GUESTS" (guest\_id, guest\_name, host\_id) VALUES(GUEST\_ID\_SEQ.nextval, 'Eric Johnson', 4);

INSERT INTO "GUESTS" (guest\_id, guest\_name, host\_id) VALUES(GUEST\_ID\_SEQ.nextval, 'Larry Allen', 3);

INSERT INTO "GUESTS" (guest\_id, guest\_name, host\_id) VALUES(GUEST\_ID\_SEQ.nextval, 'John Perry', 1);

INSERT INTO "GUESTS" (guest\_id, guest\_name, host\_id) VALUES(GUEST\_ID\_SEQ.nextval, 'Robert Cooper', 5);

--ROOM\_TYPE

INSERT INTO "ROOM\_TYPE" (room\_id, room\_type, room\_capacity, room\_price) VALUES(room\_id\_seq.nextval, 'Small room', 100, 500);

INSERT INTO "ROOM\_TYPE" (room\_id, room\_type, room\_capacity, room\_price) VALUES(room\_id\_seq.nextval, 'Medium room', 250, 1000);

INSERT INTO "ROOM\_TYPE" (room\_id, room\_type, room\_capacity, room\_price) VALUES(room\_id\_seq.nextval, 'Large room', 500, 2000);

--SERVICES

INSERT INTO "SERVICES" (service\_id, service\_type, service\_price, per\_person\_or\_event) VALUES (service\_id\_seq.nextval, 'Breakfast', 10, 'person');

INSERT INTO "SERVICES" (service\_id, service\_type, service\_price, per\_person\_or\_event) VALUES (service\_id\_seq.nextval, 'Lunch', 20,' person');

INSERT INTO "SERVICES" (service\_id, service\_type, service\_price, per\_person\_or\_event) VALUES (service\_id\_seq.nextval, 'DJ', 500, 'event');

INSERT INTO "SERVICES" (service\_id, service\_type, service\_price, per\_person\_or\_event) VALUES (service\_id\_seq.nextval, 'Singer', 2000, 'event');

INSERT INTO "SERVICES" (service\_id, service\_type, service\_price, per\_person\_or\_event) VALUES (service\_id\_seq.nextval, 'Pop Band', 10000, 'event');

--EVENT\_TYPE

INSERT INTO "EVENT\_TYPE" (event\_id, event\_name) VALUES (event\_id\_seq.nextval, ‘Birthday’);

INSERT INTO "EVENT\_TYPE" (event\_id, event\_name) VALUES (event\_id\_seq.nextval, ‘Wedding’);

INSERT INTO "EVENT\_TYPE" (event\_id, event\_name) VALUES (event\_id\_seq.nextval, ‘Graduation’);

INSERT INTO "EVENT\_TYPE" (event\_id, event\_name) VALUES (event\_id\_seq.nextval, ‘Anniversary’);

INSERT INTO "EVENT\_TYPE" (event\_id, event\_name) VALUES (event\_id\_seq.nextval, ‘Prom’);

--EVENT\_ROOMS

INSERT INTO "EVENT\_TYPE" (event\_id, host\_id, room\_type ,room\_count) VALUES (1, 1,’Small room’,1);

INSERT INTO "EVENT\_TYPE" (event\_id, host\_id, room\_type ,room\_count) VALUES (2, 1,’Medium room’,2);

INSERT INTO "EVENT\_TYPE" (event\_id, host\_id, room\_type ,room\_count) VALUES (3, 3,’Large room’,2);

INSERT INTO "EVENT\_TYPE" (event\_id, host\_id, room\_type ,room\_count) VALUES (4, 4,’Large room’,1);

INSERT INTO "EVENT\_TYPE" (event\_id, host\_id, room\_type ,room\_count) VALUES (5, 5,’Large room’,2);

--INVOICE

INSERT INTO "INVOICE" (invoice\_id, event\_reservation\_id) VALUES (invoice\_id\_seq.nextval, 3);

INSERT INTO "INVOICE" (invoice\_id, event\_reservation\_id) VALUES (invoice\_id\_seq.nextval, 2);

INSERT INTO "INVOICE" (invoice\_id, event\_reservation\_id) VALUES (invoice\_id\_seq.nextval, 3);

INSERT INTO "INVOICE" (invoice\_id, event\_reservation\_id) VALUES (invoice\_id\_seq.nextval, 4);

INSERT INTO "INVOICE" (invoice\_id, event\_reservation\_id) VALUES (invoice\_id\_seq.nextval, 5);

--SERVICES\_FOR\_EVENTS

INSERT INTO "SERVICES\_FOR\_EVENTS" (event\_reservation\_id, service\_id) VALUES (3, 2);

INSERT INTO "SERVICES\_FOR\_EVENTS" (event\_reservation\_id, service\_id) VALUES (2, 5);

INSERT INTO "SERVICES\_FOR\_EVENTS" (event\_reservation\_id, service\_id) VALUES (4, 3);

INSERT INTO "SERVICES\_FOR\_EVENTS" (event\_reservation\_id, service\_id) VALUES (5, 1);

INSERT INTO "SERVICES\_FOR\_EVENTS" (event\_reservation\_id, service\_id) VALUES (3, 4);

--EVENT\_ RESERVATION

INSERT INTO "EVENT\_RESERVATION"(event\_reservation\_id, hotel\_id, host\_id, start\_date, end\_date, date\_of\_reservation, num\_small\_rooms, num\_medium\_rooms, num\_large\_rooms, discount, num\_of\_guests, event\_id) VALUES (event\_reservation\_id\_seq.nextval, 1, 1, date '2006-02-04', date '2006-02-05', date '2006-02-04',4, 2, 6, 5, 2,1);

INSERT INTO "EVENT\_RESERVATION"(event\_reservation\_id, hotel\_id, host\_id, start\_date, end\_date, date\_of\_reservation, num\_small\_rooms, num\_medium\_rooms, num\_large\_rooms, discount, num\_of\_guests, event\_id) VALUES (event\_reservation\_id\_seq.nextval, 2, 2, date '2006-01-06', date '2006-01-08', date '2006-01-05',4, 2, 6, 5, 2,2);

INSERT INTO "EVENT\_RESERVATION"(event\_reservation\_id, hotel\_id, host\_id, start\_date, end\_date, date\_of\_reservation, num\_small\_rooms, num\_medium\_rooms, num\_large\_rooms, discount, num\_of\_guests, event\_id) VALUES (event\_reservation\_id\_seq.nextval, 3, 3, date '2006-02-08', date '2006-02-10', date '2006-02-04',4, 2, 6, 5, 2,3);

INSERT INTO "EVENT\_RESERVATION"(event\_reservation\_id, hotel\_id, host\_id, start\_date, end\_date, date\_of\_reservation, num\_small\_rooms, num\_medium\_rooms, num\_large\_rooms, discount, num\_of\_guests, event\_id) VALUES (event\_reservation\_id\_seq.nextval, 4, 4, date '2006-05-07', date '2006-05-08', date '2006-05-04',4, 2, 6, 5, 2,4);

INSERT INTO "EVENT\_RESERVATION"(event\_reservation\_id, hotel\_id, host\_id, start\_date, end\_date, date\_of\_reservation, num\_small\_rooms, num\_medium\_rooms, num\_large\_rooms, discount, num\_of\_guests, event\_id) VALUES (event\_reservation\_id\_seq.nextval, 5, 5, date '2006-08-10', date '2006-08-13', date '2006-08-10',4, 2, 6, 5, 2,5);

--HOTEL

INSERT INTO "HOTEL" (hotel\_id, street\_address, city, state, zip\_code, phone\_number, max\_small\_room\_avail, max\_medium\_room\_avail, max\_large\_room\_avail) VALUES (1, 'courtney road', 'arbutus', 'MD', 21227, '1234567890', 5, 10, 1);

INSERT INTO "HOTEL" (hotel\_id, street\_address, city, state, zip\_code, phone\_number, max\_small\_room\_avail, max\_medium\_room\_avail, max\_large\_room\_avail) VALUES (2, 'chapel sq', 'arbutus', 'MD', 21227, '4567891230', 8, 55, 20);

INSERT INTO "HOTEL" (hotel\_id, street\_address, city, state, zip\_code, phone\_number, max\_small\_room\_avail, max\_medium\_room\_avail, max\_large\_room\_avail) VALUES (3, 'drayton green', 'arbutus', 'MD', 21227, '8972546130', 9, 45, 7);

INSERT INTO "HOTEL" (hotel\_id, street\_address, city, state, zip\_code, phone\_number, max\_small\_room\_avail, max\_medium\_room\_avail, max\_large\_room\_avail) VALUES (4, 'fernley sq', 'arbutus', 'MD', 21227, '6324789105', 7, 13, 4);

INSERT INTO "HOTEL" (hotel\_id, street\_address, city, state, zip\_code, phone\_number, max\_small\_room\_avail, max\_medium\_room\_avail, max\_large\_room\_avail) VALUES (5, 'aldgate', 'arbutus', 'MD', 21227, '7512489530', 50, 13, 25);