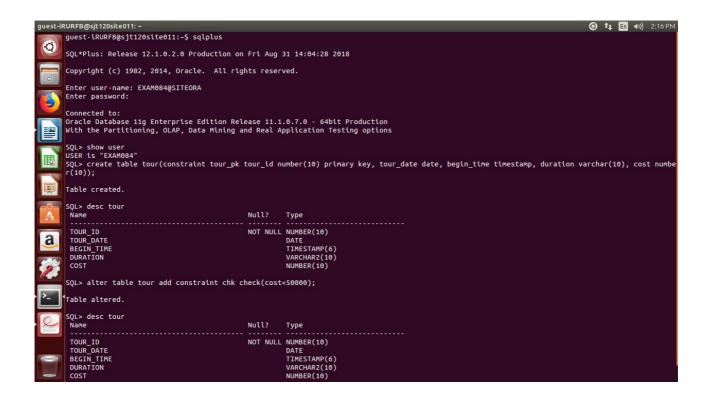
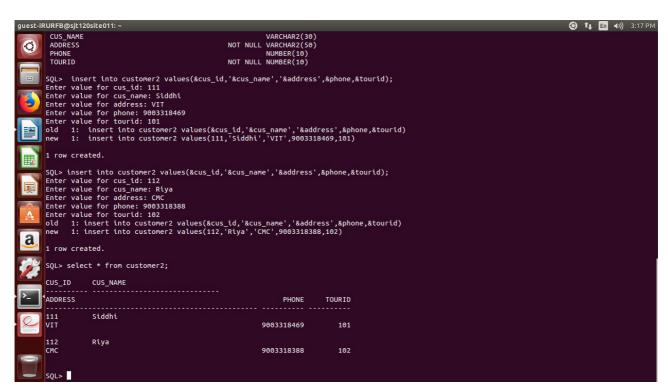
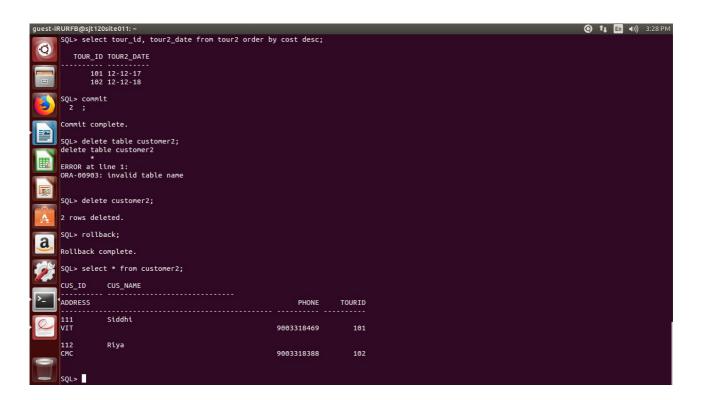
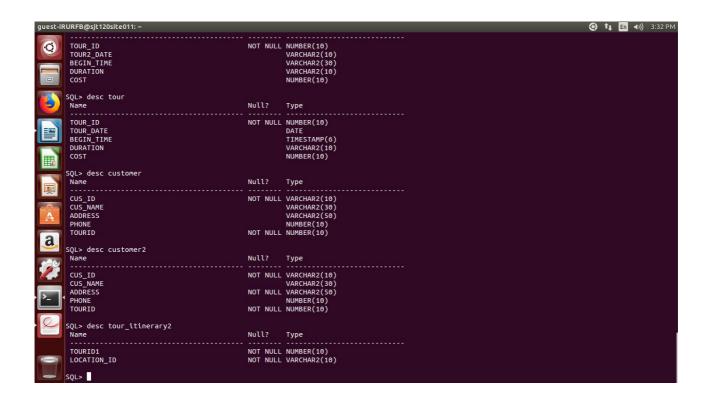
DATABASE MANAGEMENT SYSTEM LAB CAT-1 SIDDHI SINGH, 17BIT0028











Enter user-name: EXAM084@SITEORA

Enter password:

Connected to:

Oracle Database 11g Enterprise Edition Release 11.1.0.7.0 - 64bit

Production

With the Partitioning, OLAP, Data Mining and Real Application Testing options

SQL> show user

USER is "EXAMO84"

SQL> create table tour1(constraint tour1 pk tour id number(10) primary key, tour date date, begin time timestamp, duration varchar(10), cost number(10));

Table created.

SQL> desc tour1

Name Null? Type

TOUR ID NOT NULL NUMBER(10)

TOUR DATE DATE

BEGIN TIME TIMESTAMP(6)

DURATION VARCHAR2(10) COST NUMBER (10)

SQL> alter table tour2 add constraint chk2 check(cost<50000);

Table altered.

SOL> desc tour1

Null? Type Name

NOT NULL NUMBER(10) TOUR ID TOUR DATE VARCHAR2(10) **BEGIN TIME** TIMESTAMP(6) **DURATION** VARCHAR2(10)

COST NUMBER (10)

SQL> create table customer(cus id varchar(10), cus name varchar(30), address varchar(50), phone number(10), tourid constraint customer fk references tour, constraint customer pk primary key(cus id,tourid));

Table created.

SQL> desc customer

```
Null? Type
 Name
 CUS ID
                           NOT NULL VARCHAR2(10)
 CUS NAME
                                 VARCHAR2(30)
ADDRESS
                                 VARCHAR2 (50)
 PHONE
                                      NUMBER (10)
 TOURID
                           NOT NULL NUMBER(10)
SQL> create table tour itinerary2(tourid1 constraint
tour itinerary2 fk references tour2, location id varchar(10),
constraint tour itinerary2 pk primary key(tourid1,location id));
Table created.
SQL> desc tour itinerary
                               Null? Type
 Name
                     NOT NULL NUMBER(10)
 TOURID1
LOCATION ID
                               NOT NULL VARCHAR2(10)
create table customer2(cus id varchar(10), cus_name varchar(30),
address varchar(50) not null, phone number(10), tourid constraint
customer2 fk references tour2, constraint customer2 pk primary
key(cus id,tourid))
create table tour2(constraint tour2 pk tour id number(10) primary
key, tour2 date varchar(10), begin time varchar(30), duration
varchar(10), cost number(10))
insert into tour
values(&tour_id,'&tour_date','&begin_time','&duration', &cost)
SQL> insert into tour2
values(&tour id,'&tour date','&begin time','&duration', &cost);
Enter value for tour id: 101
Enter value for tour date: 12-12-17
Enter value for begin time: 16hrs55min
Enter value for duration: 30days
Enter value for cost: 45000
old 1: insert into tour2
values(&tour id,'&tour date','&begin time','&duration', &cost)
new 1: insert into tour2 values(101, '12-12-
17','16hrs55min','30days', 45000)
1 row created.
SQL> insert into tour2
```

```
values(&tour id,'&tour date','&begin time','&duration', &cost);
Enter value for tour id: 102
Enter value for tour date: 12-12-18
Enter value for begin time: 10hrs5min
Enter value for duration: 15days
Enter value for cost: 30000
old 1: insert into tour2
values(&tour id, '&tour date', '&begin time', '&duration', &cost)
new 1: insert into tour2 values(102, '12-12-
18','10hrs5min','15days', 30000)
1 row created.
SQL> select * from tour2;
   TOUR_ID TOUR2_DATE BEGIN_TIME
                                         DURATION
                                                        COST
      101 12-12-17 16hrs55min
                                         30days
                                                       45000
                                          15days
      102 12-12-18 10hrs5min
                                                       30000
SQL> create table customer2(cus id varchar(10), cus name
varchar(30), address varchar(50) not null, phone number(10),
tourid constraint customer2 fk references tour2, constraint
customer2 pk primary key(cus id,tourid))
 2 ;
Table created.
SQL> desc customer2
 Name
                              Null? Type
                   NOT NULL VARCHAR2(10)
 CUS ID
 CUS NAME
                               VARCHAR2(30)
                   NOT NULL VARCHAR2 (50)
ADDRESS
 PHONE
                                     NUMBER (10)
 TOURID
                       NOT NULL NUMBER(10)
SQL> insert into customer2
values(&cus id,'&cus name','&address',&phone,&tourid);
Enter value for cus id: 111
Enter value for cus name: Siddhi
Enter value for address: VIT
Enter value for phone: 9003318469
Enter value for tourid: 101
old 1: insert into customer2
values(&cus id,'&cus name','&address',&phone,&tourid)
new 1: insert into customer2
values(111, 'Siddhi', 'VIT', 9003318469, 101)
```

```
SOL> insert into customer2
values(&cus id,'&cus name','&address',&phone,&tourid);
Enter value for cus id: 112
Enter value for cus name: Riya
Enter value for address: CMC
Enter value for phone: 9003318388
Enter value for tourid: 102
     1: insert into customer2
values(&cus id,'&cus name','&address',&phone,&tourid)
new 1: insert into customer2
values(112,'Riya','CMC',9003318388,102)
1 row created.
SQL> select * from customer2;
CUS ID CUS NAME
                                 PHONE TOURID
ADDRESS
111 Siddhi
VIT
                               9003318469 101
112 Riya
                                9003318388
CMC
                                                102
SQL> create table tour itinerary2(tourid1 constraint
tour itinerary2 fk references tour2, location id varchar(10),
constraint tour itinerary2 pk primary key(tourid1,location id));
Table created.
SQL> desc tour_itinerary2
                              Null? Type
 TOURID1
                          NOT NULL NUMBER(10)
LOCATION ID
                               NOT NULL VARCHAR2(10)
SQL> insert into tour itinerary2 values(&tourid1,'&location id');
Enter value for tourid1: 101
Enter value for location id: del01
old 1: insert into tour itinerary2
values(&tourid1,'&location id')
new 1: insert into tour itinerary2 values(101, 'del01')
```

1 row created.

```
SQL> insert into tour itinerary2 values(&tourid1,'&location id');
Enter value for tourid1: 102
Enter value for location id: mub02
old 1: insert into tour itinerary2
values(&tourid1,'&location id')
new 1: insert into tour itinerary2 values(102, 'mub02')
1 row created.
SQL> select * from tour itinerary2;
  TOURID1 LOCATION I
_____
      101 del01
      102 mub02
SQL> select cus name, tour2 date from customer2, tour2 where
tour2 date like '%17';
CUS NAME
                TOUR2 DATE
______
Siddhi
                      12-12-17
                  12-12-17
Riya
SQL> select tour id, tour2 date from tour2 order by cost desc;
  TOUR ID TOUR2 DATE
-----
     101 12-12-17
      102 12-12-18
SQL> delete customer2;
2 rows deleted.
SQL> rollback;
Rollback complete.
SQL> select * from customer2;
CUS_ID CUS_NAME
-----
                             PHONE
                                        TOURID
ADDRESS
------
111 Siddhi
VIT
                            9003318469
                                           101
```

1 row created.

```
112 Riya
```

9003318388 102

SQL> select location_id, tour_id, tour2_date from
tour itinerary2,tour2;

tour_itinerary2,tour2;				
LOCATION_I	TOUR_I	D TOUR2_DAT	E	
del01	101	12-12-17		
mub02		12-12-17		
del01		12-12-18		
mub02		12-12-18		
SQL> desc	tour2			
Name			Null?	Туре
TOUR ID		NOT	NULL N	IUMBER(10)
TOUR 2 DAT	!E			VARCHAR2(10)
BEGIN_TIM	ſΕ			VARCHAR2(30)
DURATION			VARC	HAR2(10)
COST				NUMBER(10)
SQL> desc	tour			
Name			Null?	Туре
TOUR_ID		NOT	NULL N	IUMBER(10)
TOUR_DATE	2			DATE
BEGIN_TIM	1E			TIMESTAMP(6)
DURATION	DURATION		VARCHAR2(10)	
COST				NUMBER(10)
SQL> desc	customer			
Name			Null?	Туре
CUS_ID		NOT	NULL V	ARCHAR2(10)
CUS_NAME			VARC	CHAR2(30)
ADDRESS			VARC	HAR2(50)
PHONE				NUMBER(10)
TOURID		NOT	NULL N	IUMBER(10)
SQL> desc	customer2			
Name			Null?	Type
CUS_ID		NOT	NULL V	ARCHAR2(10)

CUS_NAME VARCHAR2(30)
ADDRESS NOT NULL VARCHAR2(50)
PHONE NUMBER(10)
TOURID NOT NULL NUMBER(10)

SQL> desc tour_itinerary2
Name Null? Type

LOCATION_ID

TOURID1

NOT NULL VARCHAR2(10)

NOT NULL NUMBER(10)

SQL>