*i*SQL JunioR

Feenix Student Environment

Home

View History

Load Script

NOWAIT

Log Out

Enter Statements:

```
prompt START OF OUTPUT SECTION
-- STUDENT NAMES and IDs
prompt Student 1 ID:    103488515
prompt Student 1 Name:  Hai Nam Ngo

prompt Student 2 ID:    104057343
prompt Student 2 Name:  Viet Bach Le

prompt Student 3 ID:    104154163
prompt Student 3 Name:  Bianca Mathieu
```

Execute   Clear

START OF OUTPUT SECTION

Student 1 ID: 103488515

Student 1 Name: Hai Nam Ngo

Student 2 ID: 104057343

Student 2 Name: Viet Bach Le

Student 3 ID: 104154163

Student 3 Name: Bianca Mathieu

Requirement 4

Drop all table

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

Create all table

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

Requirement 5

Insert data

adventure table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

customer table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

activities table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

sta   table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

theskill table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

brochure table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

event table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

assistants table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

booking table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

payment table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

actoffer table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

actselect table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

staffskill table

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Requirement 6

Testing primary/foreign key constraint

```
insert into adventure (adcode,duration,price,accomtype,addesc)
values ('GR01',4,580,'Hotel','bababa')
*
```

Error at line 1:
ORA-00001: unique constraint (S103488515.PK_ADVENTURE) violated

```
insert into customer (custno,cname,address,phone) values
(1145,'Joel Adam','14 Glenferrie Rd, Malvern',0283947584)
*
```

Error at line 1:
ORA-00001: unique constraint (S103488515.PK_CUSTOMER) violated

```
insert into activities (actcode,actdesc) values ('S1','Shopping')
*
```

Error at line 1:
ORA-00001: unique constraint (S103488515.PK_ACTIVITIES) violated

```
insert into staff (staffid,staffname) values (101,'John Bull')
*
```

Error at line 1:
ORA-00001: unique constraint (S103488515.PK_STAFF) violated

```
insert into theskill (skills) values ('Cooking')
*
```

Error at line 1:
ORA-00001: unique constraint (S103488515.PK_THESKILL) violated

```
insert into brochure (reqdate,sentdate,custno,adcode) values
('2021/07/44','2021/08/18',1999,'YV02')
*
```

Error at line 1:
ORA-02291: integrity constraint (S103488515.FK_BROCHURE_CUSTOMER)

violated - parent key not found

```
insert into event (adcode,startdate,staffid) values
('YV44','2021/09/17',999)
*
```

Error at line 1:
ORA-02291: integrity constraint (S103488515.FK_EVENT_STAFF) violated -
parent key not found

```
insert into assistants (staffid,adcode,startdate) values
(125,'YV44','2021/09/17')
*
```

Error at line 1:
ORA-02291: integrity constraint (S103488515.FK_ASSISTANTS_EVENT)
violated - parent key not found

```
insert into booking (custno,adcode,startdate,fee) values
(1145,'GR65','2021/09/25',580)
*
```

Error at line 1:
ORA-02291: integrity constraint (S103488515.FK_BOOKING_EVENT) violated -
parent key not found

```
insert into payment (custno,adcode,startdate,paydate,amountpaid)
values (114,'GR01','2021/09/25','2021/09/01',580)
*
```

Error at line 1:
ORA-02291: integrity constraint (S103488515.FK_PAYMENT_BOOKING)
violated - parent key not found

```
insert into actoffer (adcode,startdate,actcode) values
('YV44','2021/09/17','A4')
*
```

Error at line 1:
ORA-02291: integrity constraint (S103488515.FK_ACTOFFER_EVENT) violated -
parent key not found

```
insert into actselect (custno,adcode,startdate,actcode) values
(1195,'GR01','2021/09/25','S2')
*
```

Error at line 1:
ORA-02291: integrity constraint (S103488515.FK_ACTSELECT_BOOKING)
violated - parent key not found

```
insert into staffskill (staffid,skills) values (198,'Cooking')
*
```

Error at line 1:

ORA-02291: integrity constraint (S103488515.FK_STAFFSKILL_STAFF) violated - parent key not found

----

Requirement 7

Querys 7.1

Select custno as "Customer No", cname as "Name", address as "Address" from customer order by custno asc

Customer No	Name	Address
521	Helen Mills	8 Dale St, Kew
1145	Joel Black	12 Glenferrie Rd, Malvern
1274	Jim Sykes	1 John St, Kew
1299	Je Brown	4 Hill Ave, Kew
1333	Sue Ryan	2 Bell St, Dingley
1334	Peter Ryan	2 Bell St, Dingley
1444	Alan Rock	7 Green Ave, Hawthorn
1805	Ed Bailey	2 Red St, Richmond
1810	Ted White	7 Oak Rd, Hawthorn

OK. 9 rows selected.

Query 7.2

Select a.adcode as "Adventure code", a.startdate as "Tour date", s.sta name as "Sta   name" from sta   s inner join assistants a on a.sta d=s.sta d union Select e.adcode as "Adventure code", e.startdate as "Tour date", s.sta name as "Sta   name" from sta   s inner join event e on e.sta d=s.sta d order by 1

Adventure code	Tour date	Sta name
GL02	2021/09/18	Jane Scott

Adventure code	Tour date	Sta name
GL02	2021/09/18	Nick Davis
GR01	2021/09/18	Henry Blake
GR01	2021/09/18	Sonia Chen
GR01	2021/09/18	Trudy Lee
GR01	2021/09/25	Henry Blake
GR01	2021/09/25	Jane Scott
GR01	2021/09/25	Sue Brown
YV02	2021/09/17	Eric Ng
YV02	2021/09/17	John Bull
YV02	2021/09/17	Sue Brown

OK. 11 rows selected.

Query 7.3

Select b.adcode as "Adventure code", b.startdate as "Tour date", b.custno as "Customer No", c.cname as "Customer name" from booking b inner join customer c on b.custno=c.custno order by b.adcode,b.startdate,b.custno asc

Adventure code	Tour date	Customer No	Customer name
GL02	2021/09/18	521	Helen Mills
GL02	2021/09/18	1299	Je Brown
GR01	2021/09/18	1333	Sue Ryan
GR01	2021/09/18	1334	Peter Ryan
GR01	2021/09/25	1145	Joel Black
YV02	2021/09/17	1274	Jim Sykes
YV02	2021/09/17	1444	Alan Rock

OK. 7 rows selected.

Query 7.4

Select a.adcode as "Adventure code", a.startdate as "Tour date", a.actcode as "Activity code", ac.actdesc as "Activity description" from actoffer a inner join activities ac on

a.actcode=ac.actcode order by
a.adcode,a.startdate,a.actcode asc

Adventure code	Tour date	Activity code	Activity description
GL02	2021/09/18	G1	GolfLessons
GL02	2021/09/18	M1	Movies
GL02	2021/09/18	P1	Pottery
GR01	2021/09/18	S1	Shopping
GR01	2021/09/18	S2	Sur ng
GR01	2021/09/25	G1	GolfLessons
GR01	2021/09/25	S1	Shopping
GR01	2021/09/25	S2	Sur ng
YV02	2021/09/17	A4	Art Tour
YV02	2021/09/17	P1	Pottery
YV02	2021/09/17	S1	Shopping

OK. 11 rows selected.

Query 7.5

Select ac.adcode as "Adventure code", ac.startdate as "Tour date",
ac.custno as "Customer No", c.cname as "Customer name", ac.actcode
as "Activity code", a.actdesc as "Activity description" from actselect ac
inner join customer c on ac.custno=c.custno inner join activities a on
a.actcode=ac.actcode order by ac.adcode,ac.startdate,ac.custno asc

Adventure code	Tour date	Customer No	Customer name	Activity code	Activity description
GL02	2021/09/18	521	Helen Mills	G1	GolfLessons
GL02	2021/09/18	1299	Je Brown	G1	GolfLessons
GR01	2021/09/18	1333	Sue Ryan	S2	Sur ng
GR01	2021/09/18	1334	Peter Ryan	S2	Sur ng
GR01	2021/09/25	1145	Joel Black	S2	Sur ng
YV02	2021/09/17	1274	Jim Sykes	P1	Pottery
YV02	2021/09/17	1274	Jim Sykes	A4	Art Tour
YV02	2021/09/17	1444	Alan Rock	S1	Shopping
YV02	2021/09/17	1444	Alan Rock	P1	Pottery

OK. 9 rows selected.

Requirement 8

Querys 8.1

Select c.custno as "Customer no", c.cname as "Customer name", SUM(p.amountpaid) as "Total payment $" from customer c left outer join payment p on c.custno=p.custno group by c.custno,c.cname order by c.custno asc

Customer no	Customer name	Total payment $
521	Helen Mills	695
1145	Joel Black	580
1274	Jim Sykes	195
1299	Je Brown	695
1333	Sue Ryan	580
1334	Peter Ryan	580
1444	Alan Rock	195
1805	Ed Bailey	
1810	Ted White	

OK. 9 rows selected.

Query 8.2

Select a.adcode as "Tour code", SUM(p.amountpaid) as "Total payment $" from adventure a left outer join payment p on a.adcode=p.adcode group by a.adcode order by a.adcode asc

Tour code	Total payment $
GL02	1390
GR01	1740
GR04	
YV02	390

OK. 4 rows selected.

Query 8.3

Select a.actcode as "Activity code", a.actdesc as "Activity description", count(ac.actcode) as "Selected time" from activities a left outer join actselect ac on ac.actcode=a.actcode group by a.actcode,a.actdesc order by count(ac.actcode) desc

Activity code	Activity description	Selected time
S2	Sur ng	3
G1	GolfLessons	2
P1	Pottery	2
A4	Art Tour	1
S1	Shopping	1
R1	Rock Climbing	0
T2	MAH Party	0
M1	Movies	0

OK. 8 rows selected.

Query 8.4

Select a.adcode as "Adventure code", a.addesc as "Adventure description", a.price as "Most recent price $" from adventure a order by 1

Adventure code	Adventure description	Most recent price $
GL02	Murray River Golf Getaway	695
GR01	Great Ocean Rd Motel Adventure	580
GR04	Great Ocean Rd Camping dventure	680
YV02	Yarra Valley Winery Getaway	195

OK. 4 rows selected.

Query 8.5

Select br.custno as "Customer No", c.cname as "Customer Name", b.adcode as "Adventure code", b.startdate as "Tour date" from customer c inner join booking b on b.custno=c.custno inner join brochure br on br.custno=c.custno group by br.custno,c.cname,b.adcode,b.startdate

Customer No	Customer Name	Adventure code	Tour date
1299	Je Brown	GL02	2021/09/18
1274	Jim Sykes	YV02	2021/09/17

OK. 2 rows selected.

End of the project