

```
mysql> mysql> SELECT DISTINCT CITY, STATE, ZIP FROM CUSTOMER;
```

```
+-----+-----+-----+
| CITY      | STATE | ZIP   |
+-----+-----+-----+
| Boulder   | CO    | 80309 |
| Louisville| CO    | 80027 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> SELECT EMPNAME, DEPARTMENT, EMAIL, PHONE
-> FROM EMPLOYEE
-> WHERE PHONE LIKE '3-%';
```

```
+-----+-----+-----+-----+
| EMPNAME          | DEPARTMENT | EMAIL              | PHONE |
+-----+-----+-----+-----+
| Chuck Coordinator| Administration | chuck@colorado.edu | 3-1111 |
| Sally Supervisor | Planning      | sally@colorado.edu | 3-2222 |
| Alan Administrator| Administration | alan@colorado.edu  | 3-3333 |
+-----+-----+-----+-----+
3 rows in set (0.28 sec)
```

```
mysql> SELECT *
-> FROM RESOURCETBL
-> WHERE RATE BETWEEN 10 AND 20
-> ORDER BY RATE;
```

```
+-----+-----+-----+
| RESNO | RESNAME      | RATE |
+-----+-----+-----+
| R100   | attendant    | 10.00 |
| R102   | usher        | 10.00 |
| R105   | food service | 10.00 |
| R101   | police       | 15.00 |
| R104   | janitor      | 15.00 |
| R103   | nurse        | 20.00 |
+-----+-----+-----+
6 rows in set (0.04 sec)
```

```
mysql> SELECT EVENTNO, DATEAUTH, STATUS
-> FROM EVENTREQUEST
-> WHERE STATUS IN('Denied', 'Approved')
-> AND DATEAUTH >= '2013-7-01'
-> AND DATEAUTH <= '2013-7-31';
```

```
+-----+-----+-----+
| EVENTNO | DATEAUTH   | STATUS |
+-----+-----+-----+
| E102    | 2013-07-31 | Approved |
| E104    | 2013-07-31 | Approved |
| E106    | 2013-07-31 | Approved |
| E107    | 2013-07-31 | Denied   |
+-----+-----+-----+
4 rows in set (0.01 sec)
```

```
mysql> SELECT LOCNO, LOCNAME
-> FROM LOCATION, FACILITY
-> WHERE LOCATION.FACNO = FACILITY.FACNO
-> AND FACNAME = 'Basketball arena';
```

```
+-----+-----+
| LOCNO | LOCNAME |
+-----+-----+
| L103  | Locker room |
| L105  | Gate       |
+-----+-----+
2 rows in set (0.12 sec)
```

```
mysql> SELECT PLANNO, COUNT(LINENO), SUM(NUMBERFLD)
-> FROM EVENTPLANLINE
-> GROUP BY PLANNO;
```

```
+-----+-----+-----+
| PLANNO | COUNT(LINENO) | SUM(NUMBERFLD) |
+-----+-----+-----+
| P100   | 4              | 7              |
| P101   | 3              | 8              |
| P102   | 3              | 8              |
| P103   | 3              | 8              |
| P104   | 2              | 8              |
| P105   | 2              | 8              |
| P199   | 1              | 1              |
| P349   | 1              | 1              |
| P85    | 3              | 10             |
| P95    | 5              | 16             |
+-----+-----+-----+
10 rows in set (0.00 sec)
```

```
mysql> SELECT EVENTREQUEST.EVENTNO, EVENTREQUEST.DATEHELD, OUTPUT.PLANS FROM EVENTREQUEST, (SELECT EVENTPLAN.EVENTNO, COUNT(EVENTPLAN.PLANNO) AS PLANS FROM EVENTPLAN WHERE EVENTPLAN.WORKDATE >= '2013-12-01' AND EVENTPLAN.WORKDATE <= '2013-12-31' GROUP BY EVENTPLAN.EVENTNO HAVING PLANS > 1) AS OUTPUT WHERE EVENTREQUEST.EVENTNO = OUTPUT.EVENTNO;
```

```
+-----+-----+-----+
| EVENTNO | DATEHELD | PLANS |
+-----+-----+-----+
| E106    | 2013-12-12 | 2     |
+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT DISTINCT EVENTPLAN.PLANNO, EVENTPLAN.EVENTNO, EVENTPLAN.WORKDATE, EVENTPLAN.ACTIVITY FROM EVENTPLAN, (SELECT FACOUTPUT.EVENTS AS FINALEVENTS FROM FACILITY, (SELECT FACNO, EVENTPLAN.EVENTNO AS EVENTS FROM EVENTREQUEST, EVENTPLAN WHERE EVENTREQUEST.EVENTNO = EVENTPLAN.EVENTNO) AS FACOUTPUT WHERE FACILITY.FACNO = FACOUTPUT.FACNO AND FACNAME = 'Basketball arena') AS FINALOUTPUT WHERE FINALOUTPUT.FINALEVENTS = EVENTPLAN.EVENTNO AND EVENTPLAN.WORKDATE >= '2013-12-01' AND EVENTPLAN.WORKDATE <= '2013-12-31';
```

```
+-----+-----+-----+-----+
| PLANNO | EVENTNO | WORKDATE | ACTIVITY |
+-----+-----+-----+-----+
| P101   | E104    | 2013-12-03 | Operation |
| P102   | E105    | 2013-12-05 | Operation |
| P103   | E106    | 2013-12-12 | Operation |
| P349   | E106    | 2013-12-12 | Setup     |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> SELECT EVENTREQUEST.EVENTNO, EVENTREQUEST.DATEHELD, EVENTREQUEST.STATUS, EVENTREQUEST.ESTCOST FROM EVENTREQUEST, FACILITY, (SELECT EVENTPLAN.EVENTNO AS EVENTNO, EVENTPLAN.EMPNO AS EMPNO, EVENTPLAN.EMPNO AS EMPNO AND EMPLOYEE.EMPNAME = 'Mary Manager') AS OUTPUT WHERE EVENTREQUEST.FACNO = FACILITY.FACNO AND FACILITY.FACNAME = 'Basketball arena' AND EVENTREQUEST.DATEHELD >= '2013-10-01' AND EVENTREQUEST.DATEHELD <= '2013-12-31' AND EVENTREQUEST.EVENTNO = OUTPUT.EVENTNO;
```

EVENTNO	DATEHELD	STATUS	ESTCOST
E106	2013-12-12	Approved	2000.00

```
1 row in set (0.00 sec)
```

```
mysql> SELECT DISTINCT EVENTPLANLINE.PLANNO, EVENTPLANLINE.LINENO, RESOURCETBL.RESNAME, EVENTPLANLINE.NUMBERFLD, LOCATION.LOCNAME, EVENTPLANLINE.TIMESTART, EVENTPLANLINE.TIMEEND FROM EVENTPLANLINE, RESOURCETBL, LOCATION, (SELECT EVENTOUTPUT.PLANSS AS PLANSS FROM FACILITY, (SELECT OPERATIONALACTIVITIES.PLANSS AS PLANSS, EVENTPLAN.REQUEST.FACNO AS FACS FROM EVENTREQUEST, (SELECT EVENTPLANLINE.PLANNO AS PLANS, EVENTPLAN.EVENTNO AS EVENTS FROM EVENTPLAN, EVENTPLANLINE WHERE EVENTPLANLINE.PLANNO = EVENTPLAN.PLANNO AND EVENTPLAN.ACTIVITY = 'Operation' AND WORKDATE >= '2013-10-01' AND WORKDATE <= '2013-12-31') AS OPERATIONALACTIVITIES WHERE OPERATIONALACTIVITIES.EVENTS = EVENTREQUEST.EVENTNO) AS EVENTOUTPUT WHERE FACILITY.FACNO = EVENTOUTPUT.FACS AND FACILITY.FACNAME = 'Basketball arena') AS FINALOUTPUT WHERE RESOURCETBL.RESNO = EVENTPLANLINE.RESNO AND LOCATION.LOCNO = EVENTPLANLINE.LOCNO AND FINALOUTPUT.PLANSS = EVENTPLANLINE.PLANNO;
```

PLANNO	LINENO	RESNAME	NUMBERFLD	LOCNAME	TIMESTART	TIMEEND
P101	1	attendant	2	Locker room	2013-12-03	2013-12-03
P101	2	attendant	4	Gate	2013-12-03	2013-12-03
P101	3	nurse	2	Locker room	2013-12-03	2013-12-03
P102	1	attendant	2	Locker room	2013-12-05	2013-12-05
P102	2	attendant	4	Gate	2013-12-05	2013-12-05
P102	3	nurse	2	Locker room	2013-12-05	2013-12-05
P103	1	attendant	2	Locker room	2013-12-12	2013-12-12
P103	2	attendant	4	Gate	2013-12-12	2013-12-12
P103	3	nurse	2	Locker room	2013-12-12	2013-12-12

```
9 rows in set (0.00 sec)
```

```
mysql> INSERT INTO FACILITY (FACNO,FACNAME) VALUES ('F104','Swimming Pool');
Query OK, 1 row affected (0.12 sec)
```

```
mysql> INSERT INTO LOCATION
-> (LOCNO,FACNO,LOCNAME)
-> VALUES
-> ('L107','F104','Door');
Query OK, 1 row affected (0.06 sec)
```

```
mysql> INSERT INTO LOCATION
-> (LOCNO,FACNO,LOCNAME)
-> VALUES
-> ('L108','F104','Locker Room');
Query OK, 1 row affected (0.21 sec)
```

```
mysql> UPDATE LOCATION
-> SET LOCNAME = 'Gate'
-> WHERE LOCNO = 'L107';
Query OK, 1 row affected (0.18 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> DELETE FROM LOCATION WHERE LOCNO = 'L108';
Query OK, 1 row affected (0.13 sec)
```