

Code: (I bet emacs would never look this nice)

```
1 use temp;
2
3 drop table if exists PassHolder;
4 drop table if exists Resort;
5 drop table if exists ValidAt;
6
7 create table PassHolder(
8     passID int primary key,
9     name varchar(20),
10    age int,
11    residenceCite varchar(20),
12    residenceState varchar(20)
13 );
14
15 create table Resort(
16     resortName varchar(20) primary key,
17     state varchar(2),
18     baseElevation int
19 );
20
21 create table ValidAt(
22     passID int not null,
23     resortName varchar(20) not null
24 );
25
26 insert into PassHolder VALUES(1, "Bob", 31, "a", "MN");
27 insert into PassHolder VALUES(2, "Bob2", 30, "b", "CO");
28 insert into PassHolder VALUES(3, "Bob3", 32, "c", "CO");
29 insert into PassHolder VALUES(4, "Bob4", 21, "d", "CO");
30 insert into PassHolder VALUES(5, "Bob5", 11, "e", "CO");
31
32 insert into Resort VALUES("Vail", "CO", 2880);
33 insert into Resort VALUES("Vail2", "CO", 2880);
34 insert into Resort VALUES("Vail3", "CO", 2880);
35 insert into Resort VALUES("Vail4", "CO", 2880);
36 insert into Resort VALUES("Vail5", "CO", 2880);
37
38 insert into ValidAt VALUES(1, "Vail");
39 insert into ValidAt VALUES(2, "Vail");
40 insert into ValidAt VALUES(3, "Vail2");
41 insert into ValidAt VALUES(4, "Vail");
42 insert into ValidAt VALUES(5, "Vail");
43
44 Select S.Name, S.age from PassHolder S, ValidAt V WHERE S.passID = V.passID and S.age < 31 and V.resortName = "Vail";
45
46 Select S.Name, S.age from PassHolder S, ValidAt V WHERE S.passID = V.passID and S.age > 30 and V.resortName = "Vail";
47
48 delete from PassHolder S where S.age < 31;
49 Select S.Name, S.age from PassHolder S, ValidAt V WHERE S.passID = V.passID and S.age < 31 and V.resortName = "Vail";
~
~
~
~
~
~
~
~
~
databases/exercise4.sql
```

Output:

```
mysql> source exercise4.sql
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)
```

Output Cont:

```
+-----+-----+
| Name | age |
+-----+-----+
| Bob2 | 30 |
| Bob4 | 21 |
| Bob5 | 11 |
+-----+-----+
3 rows in set (0.00 sec)

+-----+-----+
| Name | age |
+-----+-----+
| Bob  | 31 |
+-----+-----+
1 row in set (0.00 sec)

Query OK, 3 rows affected (0.00 sec)

Empty set (0.00 sec)

mysql> _
```