

## 3\_6 LAB

Time: 60 Minutes

Before starting this lab, we need to take a backup of the database, just in case something goes wrong. We'll cover backups in a future lesson, for now, just follow these instructions to make a backup before beginning the lab.

### Making the Backup

1. Open Windows File Explorer and Open the D: drive
2. Create a new folder call backups
3. In SQL Management Studio, execute the following query

```
USE Sakila
BACKUP DATABASE sakila
TO DISK= 'D:\Backups\3_6lab.bak'
```

4. Browse to the backup folder and make sure the .bak file is now there. Once you have taken the backup, you can begin the lab. If something goes wrong, ask your instructor for help in restoring the database from the backup.

### Deleting records

Delete the following records from Sakila. Once deleted, they are gone forever. Be sure to include a WHERE clause to avoid deleting the wrong records! Remember that a good habit is to write a SELECT statement first. Once you've got the SELECT statement correct, you can copy the WHERE clause to the DELETE statement to ensure you are deleting the correct rows.

Table: Rental (6 records will be deleted)

rental_id	rental_date	inventory_id	customer_id	return_date	staff_id	last_update
10	2005-05-25 0:02:21	1824	399	2005-05-31 22:44:21	2	2006-02-15 21:30:53
11	2005-05-25 0:09:02	4443	142	2005-06-02 20:56:02	2	2006-02-15 21:30:53
12	2005-05-25 0:19:27	1584	261	2005-05-30 5:44:27	2	2006-02-15 21:30:53

13	2005-05-25 0:22:55	2294	334	2005-05-30 4:28:55	1	2006-02-15 21:30:53
14	2005-05-25 0:31:15	2701	446	2005-05-26 2:56:15	1	2006-02-15 21:30:53
15	2005-05-25 0:39:22	3049	319	2005-06-03 3:30:22	1	2006-02-15 21:30:53

Table: Payment (27 records will be deleted)

payment_id	customer_id	staff_id	rental_id	amount	payment_date	last_update
33	2	1	320	4.99	2005-05-27 0:09:24	2006-02-15 22:12:30
34	2	1	2128	2.99	2005-06-17 20:54:58	2006-02-15 22:12:30
35	2	1	5636	2.99	2005-07-10 6:31:24	2006-02-15 22:12:30
36	2	1	5755	6.99	2005-07-10 12:38:56	2006-02-15 22:12:30
37	2	2	7346	4.99	2005-07-27 14:30:42	2006-02-15 22:12:30
38	2	1	7376	5.99	2005-07-27 15:23:02	2006-02-15 22:12:30
39	2	2	7459	5.99	2005-07-27 18:40:20	2006-02-15 22:12:30
40	2	2	8230	5.99	2005-07-29 0:12:59	2006-02-15 22:12:30
41	2	1	8598	2.99	2005-07-29 12:56:59	2006-02-15 22:12:30
42	2	2	8705	5.99	2005-07-29 17:14:29	2006-02-15 22:12:30
43	2	1	9031	4.99	2005-07-30 6:06:10	2006-02-15 22:12:30
44	2	2	9236	10.99	2005-07-30 13:47:43	2006-02-15 22:12:30
45	2	2	9248	0.99	2005-07-30 14:14:11	2006-02-15 22:12:30

46	2	2	9296	6.99	2005-07-30 16:21:13	2006-02-15 22:12:30
47	2	2	9465	6.99	2005-07-30 22:39:53	2006-02-15 22:12:30
48	2	1	10136	2.99	2005-07-31 21:58:56	2006-02-15 22:12:30
49	2	1	10466	0.99	2005-08-01 9:45:26	2006-02-15 22:12:30
50	2	1	10918	0.99	2005-08-02 2:10:56	2006-02-15 22:12:30
51	2	1	11087	5.99	2005-08-02 7:41:41	2006-02-15 22:12:30
52	2	1	11177	6.99	2005-08-02 10:43:48	2006-02-15 22:12:30
53	2	2	11256	2.99	2005-08-02 13:44:53	2006-02-15 22:12:30
54	2	1	11614	2.99	2005-08-17 3:52:18	2006-02-15 22:12:30
55	2	1	12963	2.99	2005-08-19 6:26:04	2006-02-15 22:12:30
56	2	1	14475	4.99	2005-08-21 13:24:32	2006-02-15 22:12:30
57	2	2	14743	5.99	2005-08-21 22:41:56	2006-02-15 22:12:30
58	2	2	15145	4.99	2005-08-22 13:53:04	2006-02-15 22:12:30
59	2	2	15907	4.99	2005-08-23 17:39:35	2006-02-15 22:12:30