```
mysql> select * from student;
```

name	id	age	city
nandiswar   nandi   nandi   nandi   nanji   naj   nanohar   nandish   kumar   kalyan   narendra	1   2   3   4   5   6   7   8	22   40   26   25   25   25   25   25	hindupur   anatapur   kurnool   kadiri   karimnagar   hindupur   anatapur   kuppam

9 rows in set (0.00 sec)

mysql> start transaction; Query OK, 0 rows affected (0.01 sec)

mysql> update student set age = 20 where age = 25; Query OK, 6 rows affected (0.00 sec) Rows matched: 6 Changed: 6 Warnings: 0

mysql> delete from student where id = 1; Query OK, 1 row affected (0.02 sec)

mysql> insert into student values("hello",9,33,"gunthakal");
Query OK, 1 row affected (0.01 sec)

mysql> commit;
Query OK, 0 rows affected (0.01 sec)

mysql> select \* from student;

name	id	age	city
nandi   anji   raj   manohar   nandish   kumar   kalyan   narendra	2 3 4 5 6 7 7 8 9	40 26 20 20 20 20 20 20 20 33	anatapur kurnool kadiri karimnagar hindupur anatapur anatapur kuppam gunthakal

9 rows in set (0.00 sec)

mysql> start transaction;

```
Query OK, 0 rows affected (0.00 sec)

mysql> update student set age = 40 where age=20;
Query OK, 6 rows affected (0.00 sec)
Rows matched: 6 Changed: 6 Warnings: 0

mysql> savepoint a;
Query OK, 0 rows affected (0.01 sec)

mysql> delete from student where name="nandi";
Query OK, 1 row affected (0.00 sec)

mysql> savepoint b;
Query OK, 0 rows affected (0.00 sec)

mysql> rollback to a;
Query OK, 0 rows affected (0.01 sec)

mysql> commit;
Query OK, 0 rows affected (0.01 sec)
```

mysql> select \* from student;

name	   id	age	+   city
nandi anji raj manohar nandish kumar kalyan narendra	2 3 4 5 6 7 7 8 9	40 26 40 40 40 40 40 40 33	anatapur kurnool kadiri karimnagar hindupur anatapur anatapur kuppam gunthakal

9 rows in set (0.00 sec)

mysql>

## 2nd window:

mysql> select \* from student;

				L
name	id	age	city	
nandiswar	1	22	hindupur	
nandi	2	40	anatapur	
anji	3	26	kurnool	
raj	4	25	kadiri	
manohar	5	25	karimnagar	
nandish	6	25	hindupur	

kumar	7	25	anatapur
kalyan	7	25	anatapur
narendra	8	25	kuppam
+	<b></b>	<b></b>	++

9 rows in set (0.00 sec)

## mysql> select \* from student;

name	id	age	city
nandiswar nandi anji raj manohar nandish kumar kalyan	1 2 3 4 5 6 7 7	22 40 26 25 25 25 25 25 25	hindupur   anatapur   kurnool   kadiri   karimnagar   hindupur   anatapur   kuppam
+	<b></b>	<b></b>	++

9 rows in set (0.00 sec)

## mysql> select \* from student;

4			L
name	id	age	city
nandiswar     nandi   anji   raj   manohar   nandish   kumar   kalyan   narendra	1   2   3   4   5   6   7   7   8	22   40   26   25   25   25   25   25   25	hindupur anatapur kurnool kadiri karimnagar hindupur anatapur kuppam

9 rows in set (0.00 sec)

## mysql> select \* from student;

<u> </u>	L	L	
name	id	age	city
nandi   anji   raj   manohar   nandish   kumar   kalyan	2   3   4   5   6   7	40 26 20 20 20 20 20	anatapur     kurnool     kadiri     karimnagar     hindupur     anatapur     anatapur
narendra	8	20	kuppam
hello	9	33	gunthakal

9 rows in set (0.00 sec)

<pre>mysql&gt; select * from student;</pre>				
name	id	age	city	
nandi   anji   raj   manohar   nandish   kumar   kalyan   narendra	2 3 4 5 6 7 7	40 26 20 20 20 20 20 20 20	anatapur	
hello	9	33	gunthakal	

<sup>9</sup> rows in set (0.00 sec)

mysql> select \* from student;

nandi	name	   id 	   age	   city
· · · · · · · · · · · · · · · · · · ·	anji raj manohar nandish kumar kalyan	3 4 5 6 7 7 8	26 40 40 40 40 40 40 40	kurnool     kadiri   karimnagar     hindupur     anatapur     anatapur

<sup>9</sup> rows in set (0.00 sec)

mysql>