```
-- What happens when deleting one row affects the status of future deletions?
-- Domain: Guess the number of jelly beans in a jar. Closest one wins.
-- If a tie, earliest correct guess wins. You only get one guess!
-- Note: this is the same dataset as we used for the JDBC in-class exercise.
csc343h-dianeh=> select * from Guesses;
number | name | guess
-----+-----
     1 | Cole | 365
2 | Avery | 500
3 | Sam | 502
     4 | Madeleine | 390
     5 | Cole | 450
     6 | Michael | 1000
     7 | Mackenzie | 700
     8 | Mackenzie | 701
(8 rows)
-- We have some kids who guessed twice, and some who didn't
csc343h-dianeh=>
select * from Guesses where exists (
select * from Guesses g2 where g2.number <> guesses.number
and g2.name = guesses.name);
number | name | guess
-----
    1 | Cole | 365
5 | Cole | 450
     7 | Mackenzie | 700
     8 | Mackenzie | 701
(4 rows)
csc343h-dianeh=>
select * from Guesses where not exists (
select * from Guesses g2 where g2.number <> guesses.number
and g2.name = guesses.name);
number | name | guess
-----
     2 | Avery | 500
3 | Sam | 502
     4 | Madeleine | 390
     6 | Michael | 1000
(4 rows)
-- Let's delete the ones who "cheated" by guessing twice.
csc343h-dianeh=>
delete from Guesses where exists (
select * from Guesses g2 where g2.number <> guesses.number
and g2.name = guesses.name);
DELETE 4
csc343h-dianeh=> select * from Guesses;
number | name | guess
----+----
     2 | Avery | 500
3 | Sam | 502
     4 | Madeleine |
                     390
     6 | Michael | 1000
```

(4 rows)

- -- Think about how this works.
- -- If the first Cole guess that was encountered was deleted,
- -- then when the second was encountered, it wouldn't look like
- -- a repeat!
- -- But the DBMS marks the rows to be deleted, and then goes back
- -- to delete them only afterwards. So both rows for Cole are
- -- properly deleted, and the same for Mackenzie.