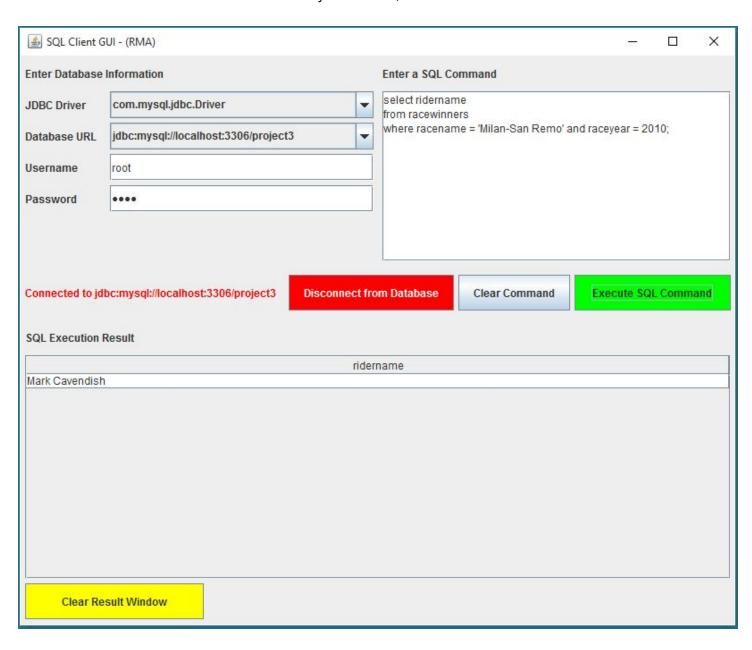
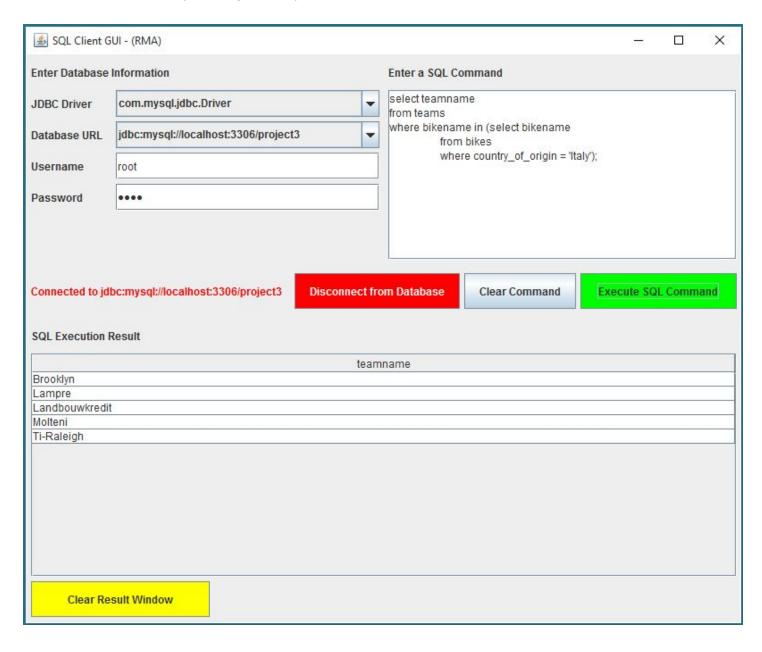
Robert Arango CNT 4714 Project 3 10-06-2015

# **Root User Commands**

### Command 1

# Query: Which rider won Milan-San Remo in 2010? select ridername from racewinners where racename = 'Milan-San Remo' and raceyear = 2010;





- # Query: List the name of every race won by a rider who has more than
- # 50 professional wins.

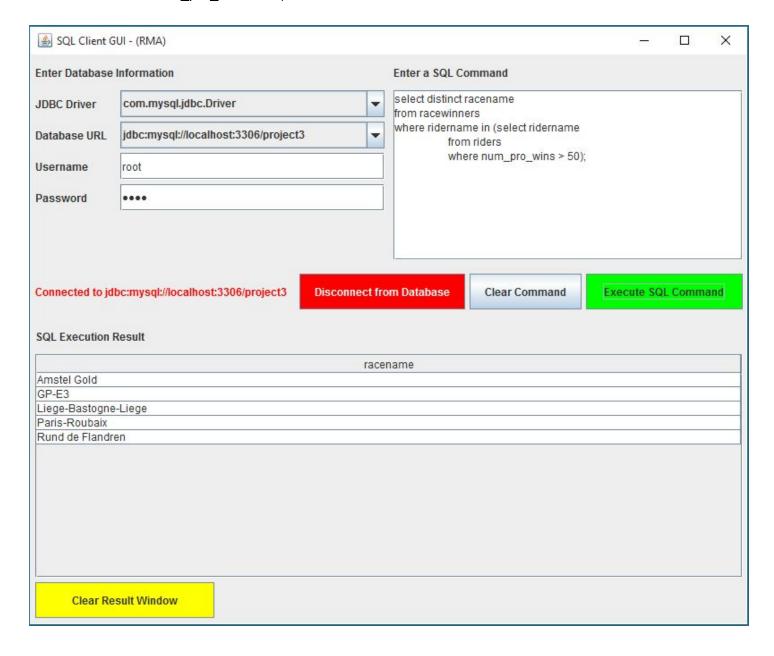
select distinct racename

from racewinners

where ridername in (select ridername

from riders

where num\_pro\_wins > 50);



```
# Query: List the names of all the riders on the same team as the winner of the

# 2010 Paris-Roubaix race.

select ridername

from riders

where teamname = (select teamname

from riders

where ridername = (select ridername

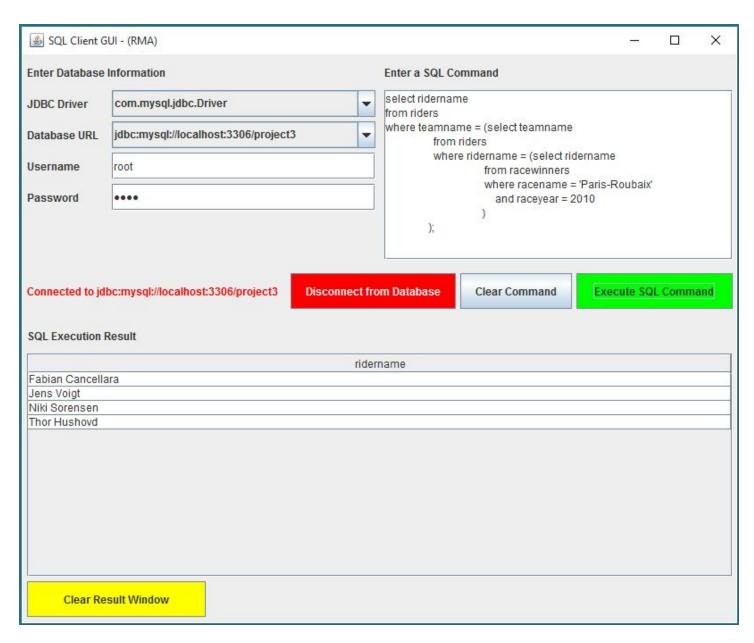
from racewinners

where racename = 'Paris-Roubaix'

and raceyear = 2010

)

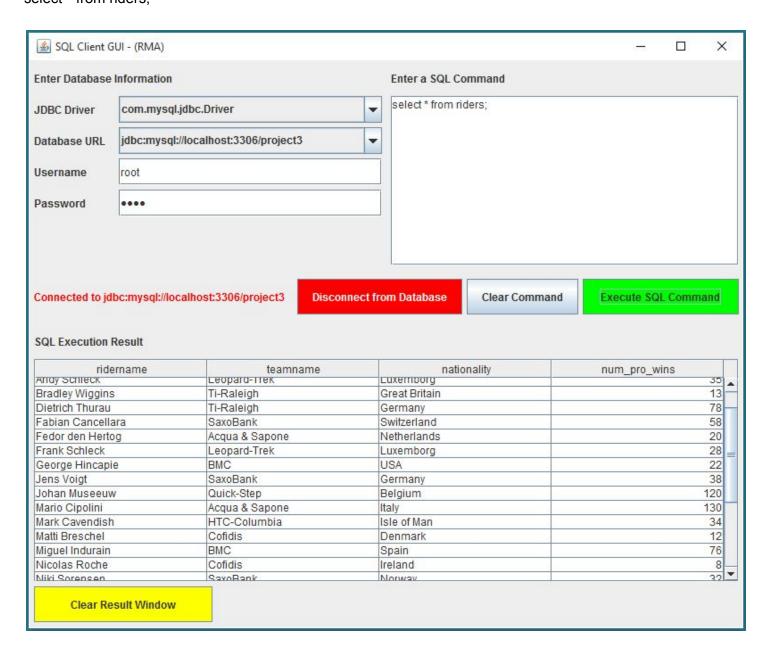
);
```



# Command 5 (Part 1)

- # Insert the rider Mark Renshaw into the riders table.
- # \* \* Do a "before" and "after" selection on the riders table select \* from riders;

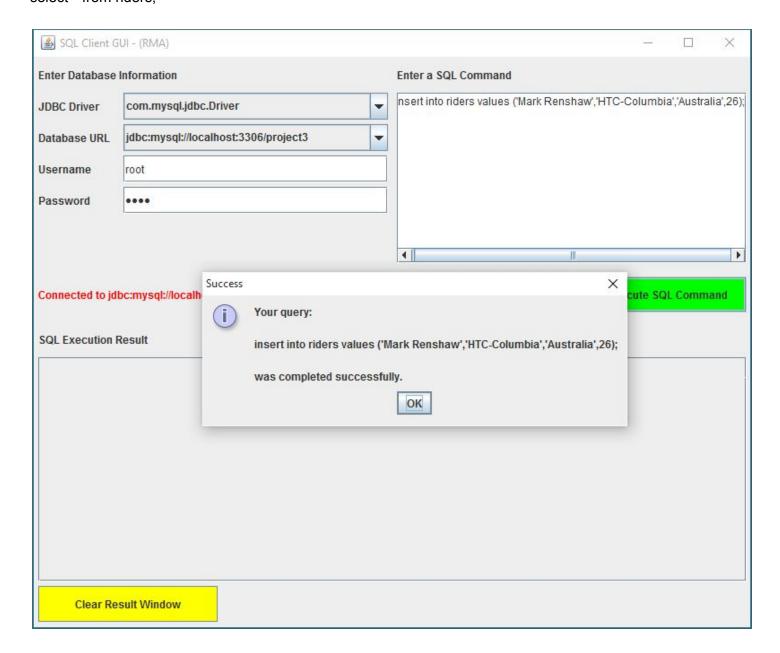
insert into riders values ('Mark Renshaw','HTC-Columbia','Australia',26); select \* from riders;



# Command 5 (Part 2)

- # Insert the rider Mark Renshaw into the riders table.
- # \* \* Do a "before" and "after" selection on the riders table select \* from riders;
  insert into riders values ('Mark Penshaw' 'HTC Columbia' '/

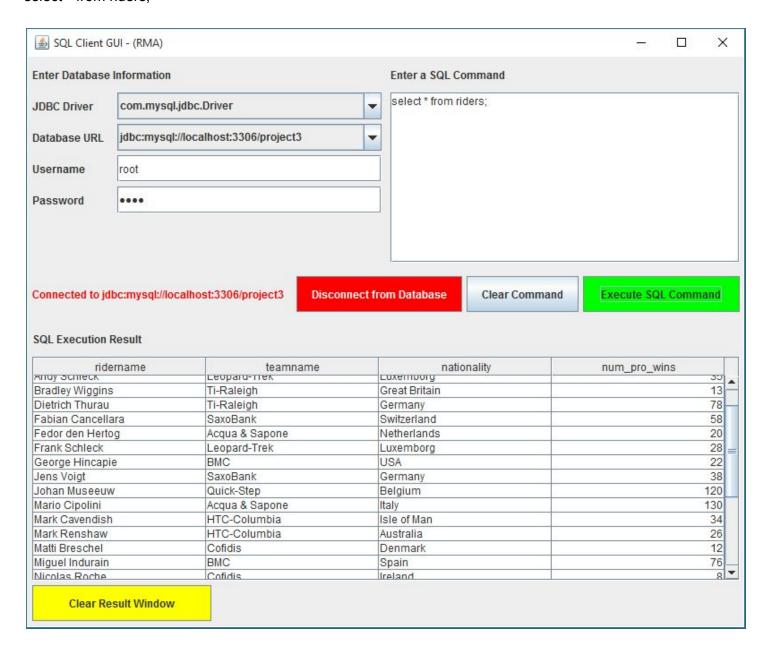
insert into riders values ('Mark Renshaw','HTC-Columbia','Australia',26); select \* from riders;



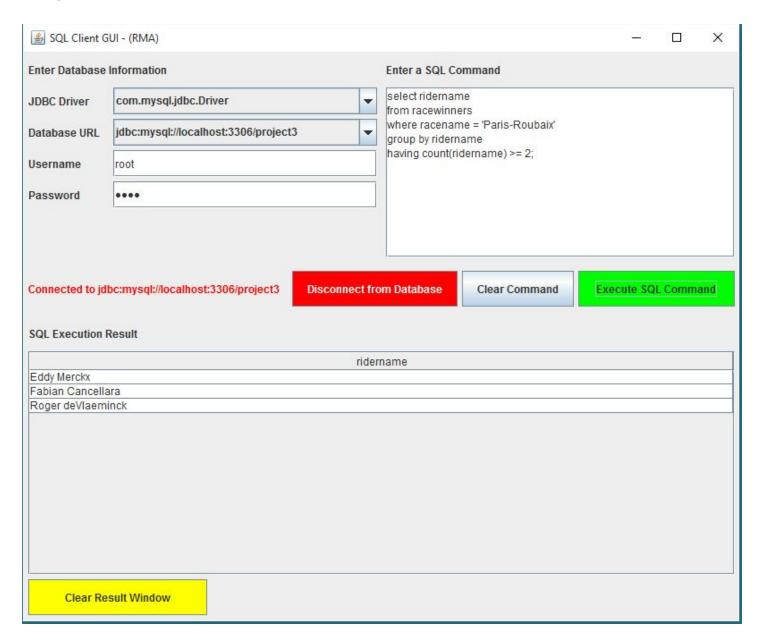
# Command 5 (Part 3)

- # Insert the rider Mark Renshaw into the riders table.
- # \* \* Do a "before" and "after" selection on the riders table select \* from riders;

insert into riders values ('Mark Renshaw','HTC-Columbia','Australia',26); select \* from riders;



# List the names of those riders who have won Paris-Roubaix at least two times. select ridername from racewinners where racename = 'Paris-Roubaix' group by ridername having count(ridername) >= 2;

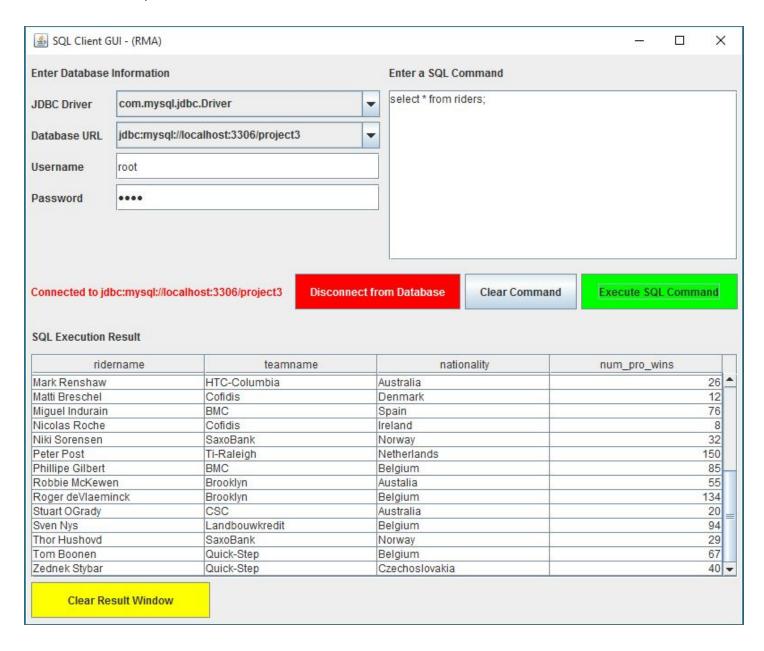


## Command 7 (Part 1)

- # Delete all the riders from Norway from the riders table.
- # \* \* \* Do a "before" and "after" select \* from riders for this command.

select \* from riders;

delete from riders where nationality = 'Norway';

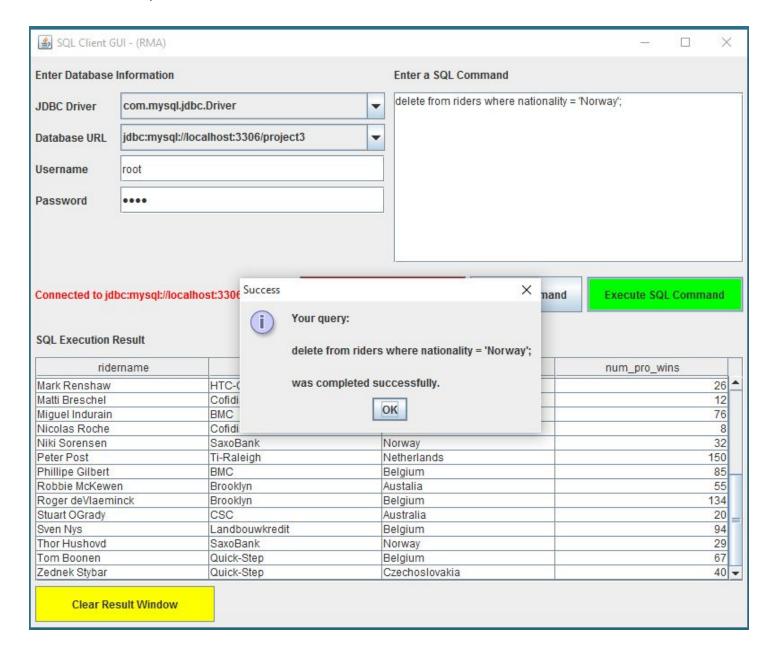


# Command 7 (Part 2)

- # Delete all the riders from Norway from the riders table.
- # \* \* \* Do a "before" and "after" select \* from riders for this command.

select \* from riders;

delete from riders where nationality = 'Norway';

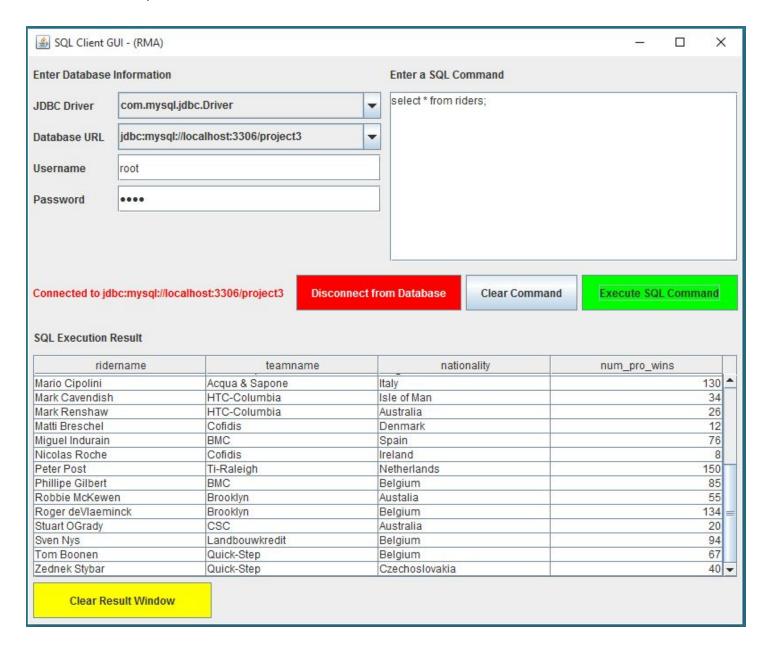


# Command 7 (Part 3)

- # Delete all the riders from Norway from the riders table.
- # \* \* \* Do a "before" and "after" select \* from riders for this command.

select \* from riders;

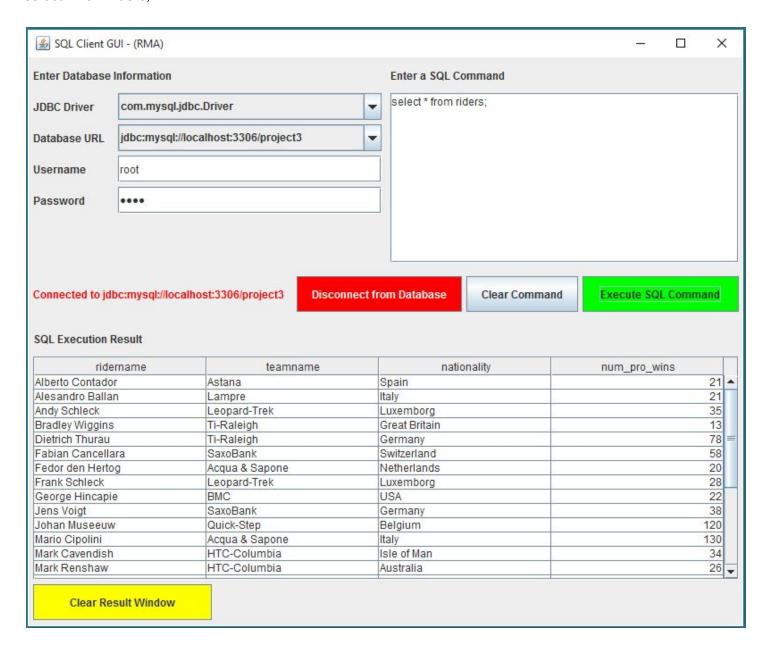
delete from riders where nationality = 'Norway';



# Command 8 (Part 1)

- # Update rider Mark Renshaw to show number of wins = 30 in the riders table.
- # \* \* Do a "before" and "after" selection on the riders table select \* from riders;

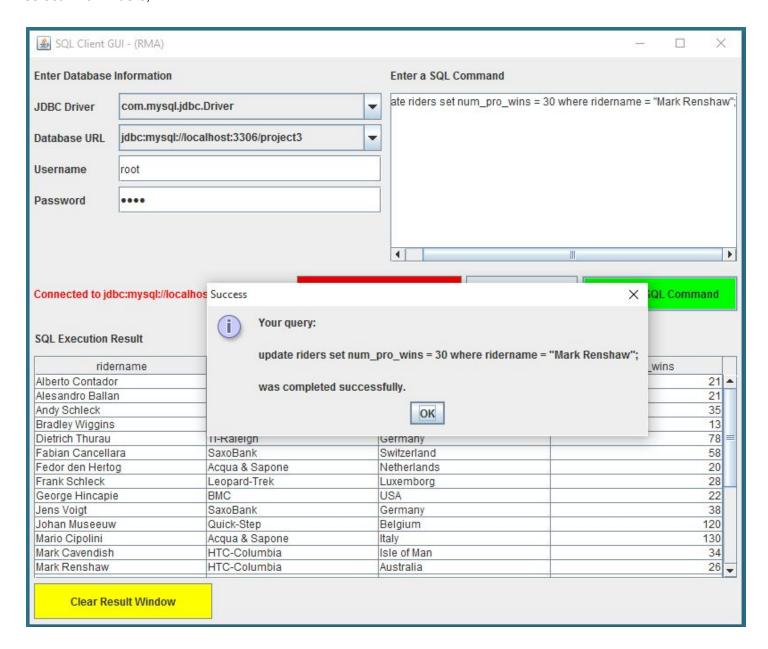
update riders set num\_pro\_wins = 30 where ridername = "Mark Renshaw"; select \* from riders;



# Command 8 (Part 2)

- # Update rider Mark Renshaw to show number of wins = 30 in the riders table.
- # \* \* Do a "before" and "after" selection on the riders table select \* from riders;

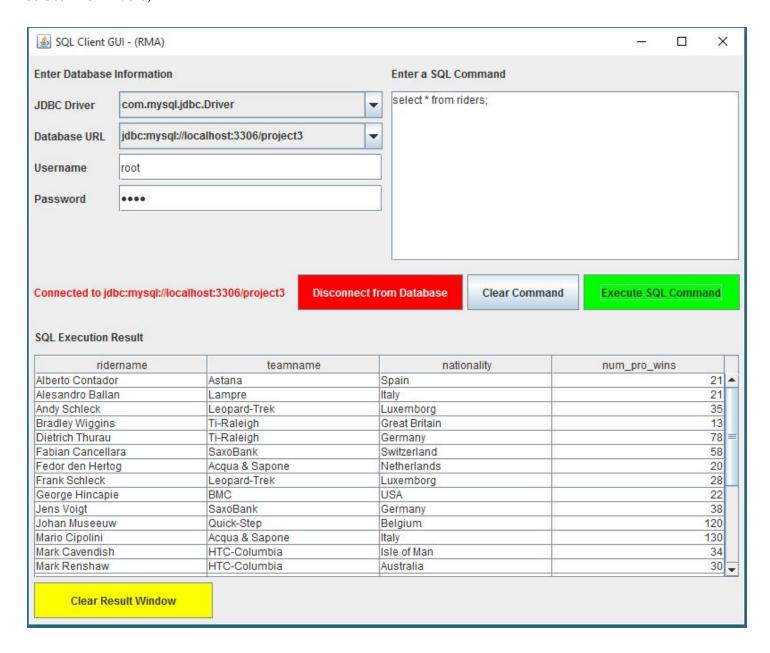
update riders set num\_pro\_wins = 30 where ridername = "Mark Renshaw"; select \* from riders:



## Command 8 (Part 3)

- # Update rider Mark Renshaw to show number of wins = 30 in the riders table.
- # \* \* Do a "before" and "after" selection on the riders table select \* from riders;

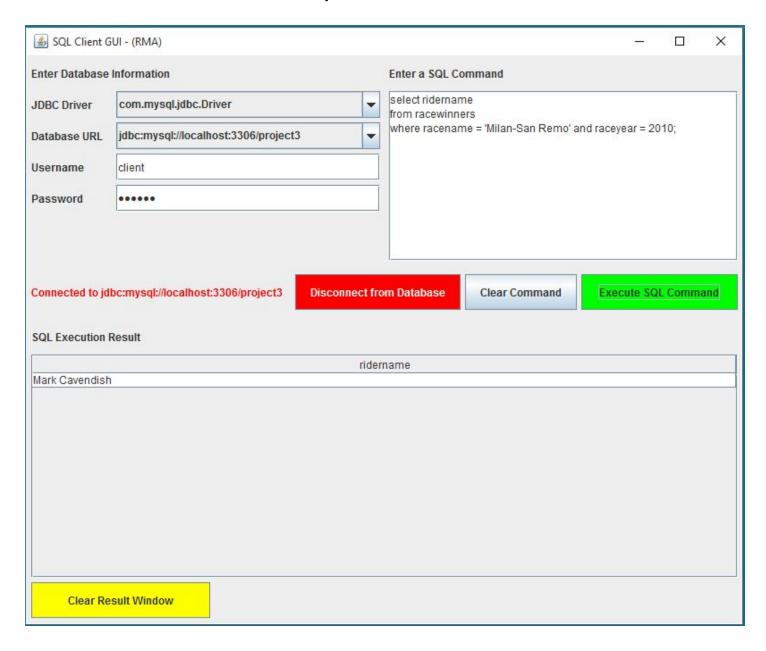
update riders set num\_pro\_wins = 30 where ridername = "Mark Renshaw"; select \* from riders;



# Client User Commands

## **Command 1**

# Query: Which rider won Milan-San Remo in 2010? select ridername from racewinners where racename = 'Milan-San Remo' and raceyear = 2010;

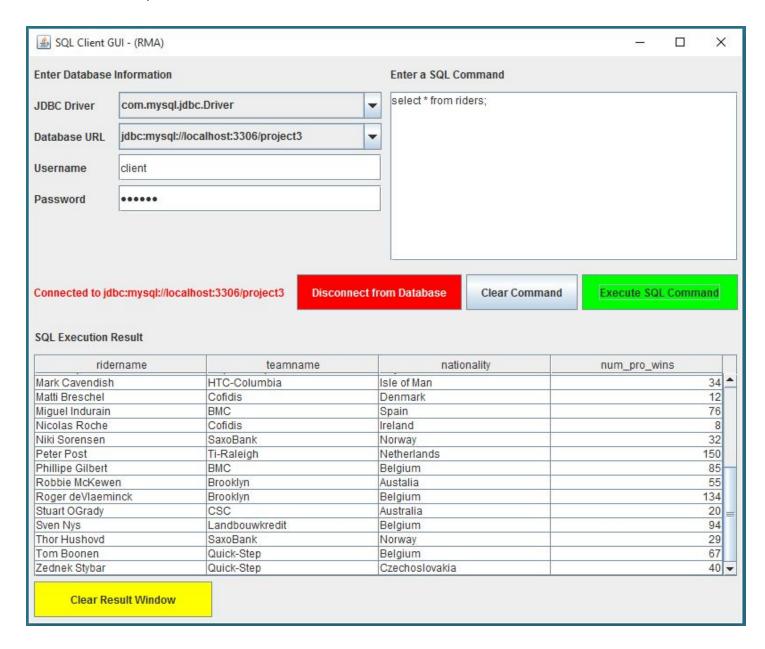


# Command 2 (Part 1)

- # Delete all the riders from Norway from the riders table.
- # \* \* \* Do a "before" and "after" select \* from riders for this command.
- # Note: the before and after select statements will execute, but the delete will not
- # thus no changes will be reflected in the before and after snapshots.

select \* from riders;

delete from riders where nationality = 'Norway';

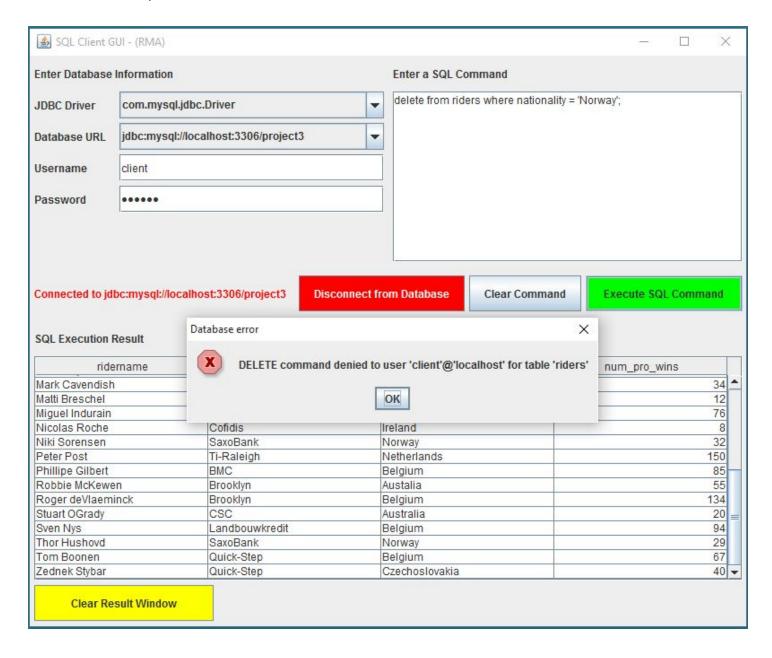


# Command 2 (Part 2)

- # Delete all the riders from Norway from the riders table.
- # \* \* \* Do a "before" and "after" select \* from riders for this command.
- # Note: the before and after select statements will execute, but the delete will not
- # thus no changes will be reflected in the before and after snapshots.

select \* from riders;

delete from riders where nationality = 'Norway';

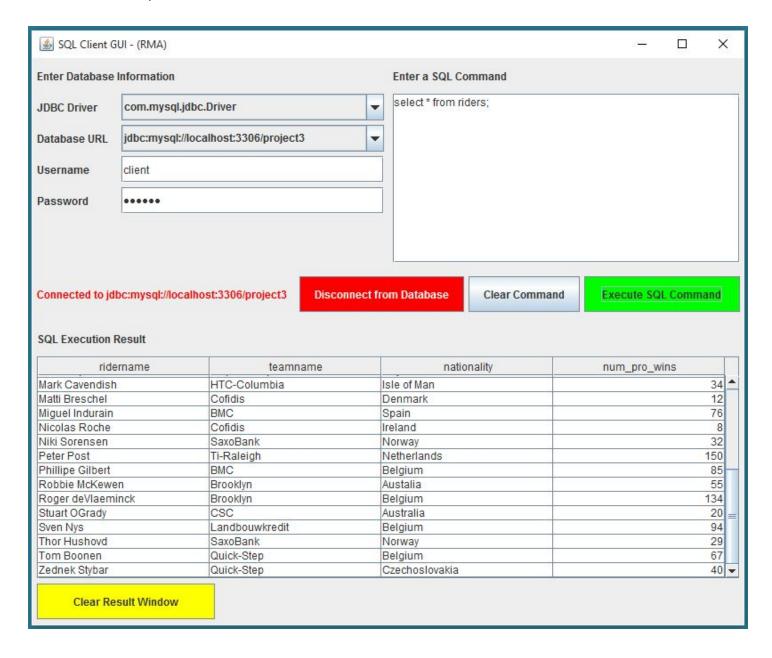


# Command 2 (Part 3)

- # Delete all the riders from Norway from the riders table.
- # \* \* \* Do a "before" and "after" select \* from riders for this command.
- # Note: the before and after select statements will execute, but the delete will not
- # thus no changes will be reflected in the before and after snapshots.

select \* from riders;

delete from riders where nationality = 'Norway';

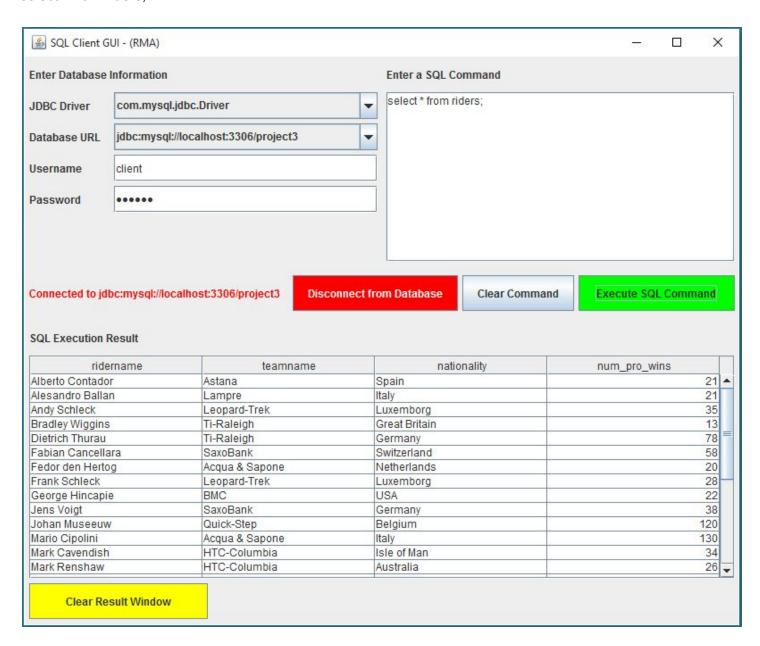


# Command 3 (Part 1)

#### Had to re-add "Mark Renshaw since I reset the database between root and client commands.

- # Update rider Mark Renshaw to show number of wins = 40 in the riders table.
- # \* \* Do a "before" and "after" selection on the riders table
- # Note: the before and after select statements will execute, but the delete will not
- # thus no changes will be reflected in the before and after snapshots.
- select \* from riders;

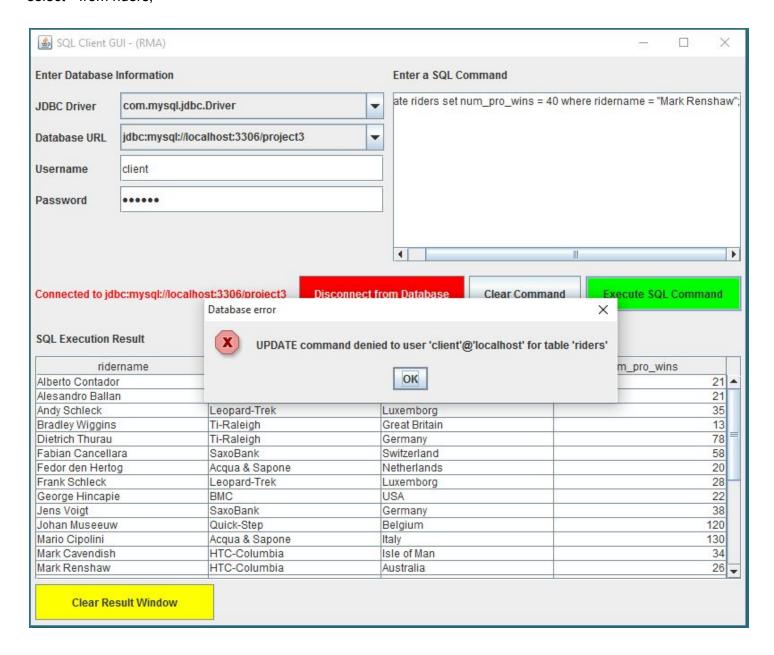
update riders set num\_pro\_wins = 40 where ridername = "Mark Renshaw"; select \* from riders;



# Command 3 (Part 2)

#### Had to re-add "Mark Renshaw since I reset the database between root and client commands.

- # Update rider Mark Renshaw to show number of wins = 40 in the riders table.
- # \* \* Do a "before" and "after" selection on the riders table
- # Note: the before and after select statements will execute, but the delete will not
- # thus no changes will be reflected in the before and after snapshots.
- select \* from riders;
- update riders set num\_pro\_wins = 40 where ridername = "Mark Renshaw"; select \* from riders;



## Command 3 (Part 3)

#### Had to re-add "Mark Renshaw since I reset the database between root and client commands.

- # Update rider Mark Renshaw to show number of wins = 40 in the riders table.
- # \* \* Do a "before" and "after" selection on the riders table
- # Note: the before and after select statements will execute, but the delete will not
- # thus no changes will be reflected in the before and after snapshots.
- select \* from riders;
- update riders set num\_pro\_wins = 40 where ridername = "Mark Renshaw"; select \* from riders;

