

1. Which rider won Fleche Wallone - Feminine in 2014?

Displaying Query Results

Enter An SQL Command

```
select ridername  
from racewinners  
where racename = 'Fleche Wallone – Feminine' and  
raceyear = 2014;
```

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridername
Marianne Vos

Clear Result Window

2. List the teams that ride bikes manufactured in Italy.

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command

```
select teamname  
from teams  
where bikename in (select bikename  
                    from bikes  
                   where country_of_origin = 'Italy');
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

teamname
Brooklyn
Lampre
Landbouwkredit
Molteni
Ti-Raleigh

Clear Result Window

3. List the name of every race won by a rider who has more than 50 professional wins.

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command

```
select distinct racename
from racewinners
where ridername in (select ridername
                     from riders
                     where num_pro_wins > 50);
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

racename
Amstel Gold
Fleche Wallone – Feminine
GP-E3
Liege-Bastogne-Liege
Paris-Roubaix
Rund de Flandren
World Championship – Elite Women

Clear Result Window

4. List the names of all the riders on the same team as the winner of the 2010 Paris-Roubaix race.

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command

```
select ridernname
from riders
where teamname = (select teamname
                   from riders
                   where ridernname = (select ridernname
                                         from racewinners
                                         where racename =
'Paris-Roubaix'
                                         and raceyear = 2010
                                         );
);
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridernname
Fabian Cancellara
Jens Voigt
Niki Sorensen
Thor Hushovd

Clear Result Window

5. Insert the rider Mark Renshaw into the riders table. * * Do a "before" and "after" selection on the riders table (1st part)

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command

```
select * from riders;
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridername	teamname	nationality	num_pro_wins	gender
Alberto Contador	Astana	Spain	21	M
Alesandro Ballan	Lampre	Italy	21	M
Andy Schleck	Leopard-Trek	Luxembourg	35	M
Bradley Wiggins	Ti-Raleigh	Great Britain	13	M
Chris Froome	Sky	Great Britain	23	M
Dietrich Thurau	Ti-Raleigh	Germany	78	M
Elisa Borghini	Schenker	Italy	34	F
Fabian Cancellara	SaxoBank	Switzerland	58	M
Fedor den Hertog	Acqua & Sapone	Netherlands	20	M
Frank Schleck	Leopard-Trek	Luxembourg	28	M
George Hincapie	BMC	USA	22	M
Jens Voigt	SaxoBank	Germany	38	M
Johan Museeuw	Quick-Step	Belgium	120	M
Lizzie Armistead	Boels-Dolmans	Great Britain	78	F
Marianne Vos	WM3	Holland	230	F
Mario Cipollini	Acqua & Sapone	Italy	130	M
Mark Cavendish	HTC-Columbia	Isle of Man	34	M
Matti Proosch	Cofidis	Denmark	12	M

Clear Result Window

5. Insert the rider Mark Renshaw into the riders table. * * Do a "before" and "after" selection on the riders table (2nd part)

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command

```
insert into riders values ('Mark Renshaw','HTC-Columbia','Australia',26, 'M');
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

Clear Result Window

5. Insert the rider Mark Renshaw into the riders table. * * Do a "before" and "after" selection on the riders table (3rd part)

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: [REDACTED]

Enter An SQL Command

```
select * from riders;
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridername	teamname	nationality	num_pro_wins	gender
Alesandro Ballan	Lampre	Italy	21	M
Andy Schleck	Leopard-Trek	Luxembourg	35	M
Bradley Wiggins	Ti-Raleigh	Great Britain	13	M
Chris Froome	Sky	Great Britain	23	M
Dietrich Thurau	Ti-Raleigh	Germany	78	M
Elisa Borghini	Schenker	Italy	34	F
Fabian Cancellara	SaxoBank	Switzerland	58	M
Fedor den Hertog	Acqua & Sapone	Netherlands	20	M
Frank Schleck	Leopard-Trek	Luxembourg	28	M
George Hincapie	BMC	USA	22	M
Jens Voigt	SaxoBank	Germany	38	M
Johan Museeuw	Quick-Step	Belgium	120	M
Lizzie Armistead	Boels-Dolmans	Great Britain	78	F
Marianne Vos	WM3	Holland	230	F
Mario Cipollini	Acqua & Sapone	Italy	130	M
Mark Cavendish	HTC-Columbia	Isle of Man	34	M
Mark Renshaw	HTC-Columbia	Australia	26	M
Matti Proosch	Cofidis	Denmark	12	M

Inserted Mark Renshaw

Clear Result Window

6. List the names of those riders who have won Paris-Roubaix at least two times.

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command

```
select ridername  
from racewinners  
where racename = 'Paris–Roubaix'  
group by ridername  
having count(ridername) >= 2;
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridername
Eddy Merckx
Roger deVlaeminck
Fabian Cancellara

Clear Result Window

7. Delete all the riders from Luxembourg from the riders table. * * Do a "before" and "after" select * from riders for this command. (1st part)

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command

```
select * from riders;
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridernname	teamname	nationality	num_pro_wins	gender
Alberto Contador	Astana	Spain	21	M
Alesandro Ballan	Lampre	Italy	21	M
Andy Schleck	Leopard-Trek	Luxembourg	35	M
Bradley Wiggins	Ti-Raleigh	Great Britain	13	M
Chris Froome	Sky	Great Britain	23	M
Dietrich Thurau	Ti-Raleigh	Germany	78	M
Elisa Börglini	Schenker	Italy	34	F
Fabian Cancellara	SaxoBank	Switzerland	58	M
Fedor den Hertog	Acqua & Sapone	Netherlands	20	M
Frank Schleck	Leopard-Trek	Luxembourg	28	M
George Hincapie	BMC	USA	22	M
Jens Voigt	SaxoBank	Germany	38	M
Johan Museeuw	Quick-Step	Belgium	120	M
Lizzie Armistead	Boels-Dolmans	Great Britain	78	F
Marianne Vos	WM3	Holland	230	F
Mario Cipollini	Acqua & Sapone	Italy	130	M
Mark Cavendish	HTC-Columbia	Isle of Man	34	M
Mark Renshaw	HTC-Columbia	Australia	26	M

Nationality: Luxembourg

Nationality: Luxembourg

Clear Result Window

7. Delete all the riders from Luxembourg from the riders table. * * Do a "before" and "after" select * from riders for this command. (2nd part)

Displaying Query Results

Enter An SQL Command

```
delete from riders where nationality = 'Luxembourg';
```

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

Clear Result Window

7. Delete all the riders from Luxembourg from the riders table. * * Do a "before" and "after" select * from riders for this command. (3rd part)

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command

```
select * from riders;
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridernname	teamname	nationality	num_pro_wins	gender
Alberto Contador	Astana	Spain	21	M
Alesandro Ballan	Lampre	Italy	21	M
Bradley Wiggins	Ti-Raleigh	Great Britain	13	M
Chris Froome	Sky	Great Britain	23	M
Dietrich Thurau	Ti-Raleigh	Germany	78	M
Elisa Borghini	Schenker	Italy	34	F
Fabian Cancellara	SaxoBank	Switzerland	58	M
Fedor den Hertog	Acqua & Sapone	Netherlands	20	M
George Hincapie	BMC	USA	22	M
Jens Voigt	SaxoBank	Germany	38	M
Johan Museeuw	Quick-Step	Belgium	120	M
Lizzie Armistead	Boels-Dolmans	Great Britain	78	F
Marianne Vos	WM3	Holland	230	F
Mario Cipollini	Acqua & Sapone	Italy	130	M
Mark Cavendish	HTC-Columbia	Isle of Man	34	M
Mark Renshaw	HTC-Columbia	Australia	26	M
Matti Breschel	Cofidis	Denmark	12	M
Miguel Indurain	BMC	Spain	76	M

Nationality = “Luxembourg”
records deleted

Clear Result Window

8. Update rider Mark Renshaw to show number of wins = 30 in the riders table. * * Do a "before" and "after" selection on the riders table

1st part

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Enter An SQL Command:

```
select * from riders;
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridernname	teamname	nationality	num_pro_wins	gender
Alberto Contador	Astana	Spain	21	M
Alesandro Ballan	Lampre	Italy	21	M
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Chris Froome	Sky	Great Britain	23	M
Dietrich Thurau	Ti-Raleigh	Germany	78	M
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George Hincapie	BMC	USA	22	M
Jens Voigt	SaxoBank	Germany	38	M
Johan Museeuw	Quick-Step	Belgium	120	M
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Mario Cipolini	Acqua & Sapone	Italy	130	M
Mark Cavendish	HTC-Columbia	Isle of Man	34	M
Mark Renshaw	HTC-Columbia	Australia	26	M
Matti Breschel	Cofidis	Denmark	12	M
Miguel Indurain	BMC	Spain	76	M

Mark Renshaw: before

Clear Result Window

8. Update rider Mark Renshaw to show number of wins = 30 in the riders table. * * Do a "before" and "after" selection on the riders table

2nd part

Displaying Query Results

Enter An SQL Command

```
update riders set num_pro_wins = 30 where ridername = "Mark Renshaw";
```

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: *****

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

Clear Result Window

8. Update rider Mark Renshaw to show number of wins = 30 in the riders table. * * Do a "before" and "after" selection on the riders table

3rd part

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver

Database URL: jdbc:mysql://localhost:3306/...

Username: root

Password: [REDACTED]

Enter An SQL Command

```
select * from riders;
```

Connected to jdbc:mysql://localhost:... Connect to Database Clear SQL Command Execute SQL Command

SQL Execution Result Window

ridername	teamname	nationality	num_pro_wins	gender
Alberto Contador	Astana	Spain	21	M
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George Hincapie	BMC	USA	22	M
Jens Voigt	SaxoBank	Germany	38	M
Johan Museeuw	Quick-Step	Belgium	120	M
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Mario Cipollini	Acqua & Sapone	Italy	130	M
Mark Cavendish	HTC-Columbia	Isle of Man	34	M
Mark Renshaw	HTC-Columbia	Australia	30	M
Matti Breschel	Cofidis	Denmark	12	M
Miguel Indurain	RMC	Spain	76	M

Clear Result Window

Mark Renshaw: after