

1. Which rider won the World Championship - Elite Women in 2019?

Displaying Query Results

Enter An SQL Command

```
select ridername  
from racewinners  
where racename = 'World Championship – Elite Women'  
and raceyear = 2019;
```

Enter Database Information

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

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

Username: client

Password: *****

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

SQL Execution Result Window

ridername
Annemiek van Vlueten

Clear Result Window

2A. Delete all the riders from Norway from the riders table.* * Do a "before" and "after" select * from riders for this command.

Displaying Query Results

Enter Database Information

JDBC Driver: com.mysql.cj.jdbc.Driver
Database URL: jdbc:mysql://localhost:3306/...
Username: client
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

ridernname	teamname	nationality	num_pro_wins	gender
Marianne Vos	WM3	Holland	230	F
Mario Cipolini	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	BMC	Spain	76	M
Nicolas Roche	Cofidis	Ireland	8	M
Niki Sorensen	SaxoBank	Norway	32	M
Pauline Ferrand	Gitane	France	45	F
Peter Post	Ti-Raleigh	Netherlands	150	M
Peter Sagan	Bora-Hansgrohe	Slovakia	101	M
Phillipe Gilbert	BMC	Belgium	85	M
Robbie McKewen	Brooklyn	Australia	55	M
Roger deVlaeminck	Brooklyn	Belgium	134	M
Stuart OGrady	CSC	Australia	20	M
Sven Nys	Landbouwkredit	Belgium	94	M
Thor Hushovd	SaxoBank	Norway	29	M
Tom Boonen	Quick-Step	Belgium	67	M

Clear Result Window

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.

Nationality = “Norway” record

Nationality = “Norway” record

2B. Delete all the riders from Norway from the riders table.* * Do a "before" and "after" select * from riders for this command.

Displaying Query Results

Enter Database Information

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

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

Username: client

Password: *****

Enter An SQL Command

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

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

SQL Execution Result Window

Database error

DELETE command denied to user 'client'@'localhost' for table 'riders'

OK

Clear Result Window

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.

2C. Delete all the riders from Norway from the riders table.* * Do a "before" and "after" select * from riders for this command.

Displaying Query Results

Enter Database Information

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

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

Username: client

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
Mario Cipollini	Acqua e Sapone	Italy	150	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	BMC	Spain	76	M
Nicolas Roche	Cofidis	Ireland	8	M
Niki Sorensen	SaxoBank	Norway	32	M
Pauline Ferrand	Gitane	France	45	F
Peter Post	Ti-Raleigh	Netherlands	150	M
Peter Sagan	Bora-Hansgrohe	Slovakia	101	M
Phillipe Gilbert	BMC	Belgium	85	M
Robbie McKewen	Brooklyn	Australia	55	M
Roger deVlaeminck	Brooklyn	Belgium	134	M
Stuart O'Grady	CSC	Australia	20	M
Sven Nys	Landbouwkredit	Belgium	94	M
Thor Hushovd	SaxoBank	Norway	29	M
Tom Boonen	Quick-Step	Belgium	67	M
Zdenek Stybar	Quick-Step	Czechoslovakia	40	M

Clear Result Window

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.

Nationality = “Norway” record

Nationality = “Norway” record

3A. Update rider Marianne Vos to show number of wins = 245 in the riders table. * * Do a "before" and "after" selection on the riders table

Displaying Query Results

Enter Database Information

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

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

Username: client

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
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	30	M
Matti Breschel	Cofidis	Denmark	12	M
Miguel Indurain	BMC	Spain	76	M
Nicolas Roche	Cofidis	Ireland	8	M
Niki Sorensen	SaxoBank	Norway	32	M
Pauline Ferrand	Citroen	France	45	F

Clear Result Window

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.

Marianne Vos record

3B. Update rider Marianne Vos to show number of wins = 245 in the riders table. * * Do a "before" and "after" selection on the riders table

Displaying Query Results

Enter Database Information

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

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

Username: client

Password: *****

Enter An SQL Command

```
update riders set num_pro_wins = 245 where ridername = "Marianne Vos";
```

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

SQL Execution Result Window

Database error

! UPDATE command denied to user 'client'@'localhost' for table 'riders'

OK

Clear Result Window

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.

3C. Update rider Marianne Vos to show number of wins = 245 in the riders table. * * Do a "before" and "after" selection on the riders table

Displaying Query Results

Enter Database Information

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

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

Username: client

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
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	30	M
Matti Breschel	Cofidis	Denmark	12	M
Miguel Indurain	RMC	Spain	76	M

Clear Result Window

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.

Marianne Vos record