## **SQL Cheat Sheet: Views, Stored Procedures and Transactions**

#### **Views**

Topic	Syntax	Description
Create View	CREATE VIEW view name AS SELECT column1, column2, FROM table_name WHERE condition;	A CREATE VIEW is an alternative way of representi more tables.
Update a View	CREATE OR REPLACE VIEW view name AS SELECT column1, column2, FROM table_name WHERE condition;	The CREATE OR REPLACE VIEW command updates
Drop a View	DROP VIEW view_name;	Use the DROP VIEW statement to remove a view fr

#### Stored Procedures in IBM Db2 using SQL

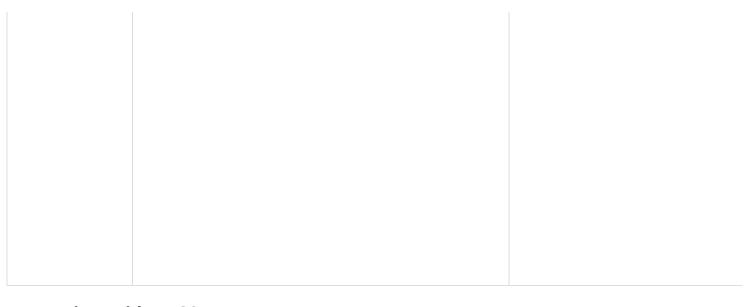


#### Stored Procedures in MySQL using phpMyAdmin

DELIMITER // CREATE PROCEDURE PROCEDURE_NAME BEGIN END // DELIMITER ;	A stored procedure is a prepared SQL code that can be reused over and over again.  The default terminator for a stored procedure is se terminator we use DELIMITER clause followed by //.
---	---

#### **Transactions with Db2**

Commit command	COMMIT;	A COMMIT command is used to persist the changes The default terminator for a COMMIT command is
Rollback command	ROLLBACK;	A ROLLBACK command is used to rollback the transathe database.  The default terminator for a ROLLBACK command



## **Transactions with MySQL**

Commit command	COMMIT;	A COMMIT command is used to persist the changes The default terminator for a COMMIT command is
Rollback command	ROLLBACK;	A ROLLBACK command is used to rollback the transathe database.  The default terminator for a ROLLBACK command

## **Db2 Transactions using Stored Procedure**



```
Rollback command

Rollback com
```

## **MySQL Transactions using Stored Procedure**

```
DELIMITER //
                         CREATE PROCEDURE PROCEDURE_NAME
                         BEGIN
                                                                                                     A COMMIT command is used to persist the changes
                         COMMIT;
Commit command
                                                                                                     The default terminator for a COMMIT command is
                         END //
                         DELIMITER;
Rollback command
                                                                                                     A ROLLBACK command is used to rollback the transa
                         DELIMITER //
                                                                                                     the database.
                                                                                                     The default terminator for a ROLLBACK command
                         CREATE PROCEDURE PROCEDURE_NAME
                         BEGIN
                         ROLLBACK;
                         COMMIT;
                         END //
                         DELIMITER;
```

## Author(s)

D.M Naidu



IBM

# Changelog

Date	Version	Changed by	<b>Change Description</b>
2022-10-04	1.0	D.M.Naidu	Initial Version