

# SQL Cheat Sheet: Views, Stored Procedures and Transactions

## Views

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

## Stored Procedures in IBM Db2 using SQL

Stored Procedures	<pre>--#SET TERMINATOR @ CREATE PROCEDURE PROCEDURE_NAME LANGUAGE  BEGIN  END @</pre>	A <code>stored procedure</code> is a prepared SQL code that can be reused over and over again. The default terminator for a stored procedure is semicolon we use <code>SET TERMINATOR</code> clause followed by '@' .
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## Stored Procedures in MySQL using phpMyAdmin

Stored Procedures	<pre>DELIMITER //  CREATE PROCEDURE PROCEDURE_NAME  BEGIN  END //  DELIMITER ;  }</pre>	A <code>stored procedure</code> is a prepared SQL code that can be reused over and over again. The default terminator for a stored procedure is semicolon we use <code>DELIMITER</code> clause followed by //.
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## Transactions with Db2

Commit command	<pre>COMMIT;</pre>	A <code>COMMIT command</code> is used to persist the changes. The default terminator for a COMMIT command is semicolon.
Rollback command	<pre>ROLLBACK;</pre>	A <code>ROLLBACK command</code> is used to rollback the transaction. The default terminator for a ROLLBACK command is semicolon.

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## Transactions with MySQL

Commit command	<pre>{   COMMIT; }</pre>	A <code>COMMIT command</code> is used to persist the changes The default terminator for a COMMIT command is
Rollback command	<pre>{   ROLLBACK; }</pre>	A <code>ROLLBACK command</code> is used to rollback the trans; the database. The default terminator for a ROLLBACK command

## Db2 Transactions using Stored Procedure

Commit command	<pre>{   -#SET TERMINATOR @    CREATE PROCEDURE PROCEDURE_NAME    BEGIN    COMMIT;    END   @ }</pre>	A <code>COMMIT command</code> is used to persist the changes The default terminator for a COMMIT command is
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Rollback command	<pre>--#SET TERMINATOR @ CREATE PROCEDURE PROCEDURE_NAME  BEGIN  ROLLBACK;  COMMIT;  END @ }</pre>	<p>A <b>ROLLBACK command</b> is used to rollback the transaction and return the database to the state before the transaction started.</p> <p>The default terminator for a ROLLBACK command is ;</p>

MySQL Transactions using Stored Procedure

Commit command	<pre>[ DELIMITER //  CREATE PROCEDURE PROCEDURE_NAME  BEGIN  COMMIT;  END //  DELIMITER ;  ]</pre>	<p>A <b>COMMIT command</b> is used to persist the changes made to the database.</p> <p>The default terminator for a COMMIT command is ;</p>
Rollback command	<pre>[ DELIMITER //  CREATE PROCEDURE PROCEDURE_NAME  BEGIN  ROLLBACK;  COMMIT;  END //  DELIMITER ;  ]</pre>	<p>A <b>ROLLBACK command</b> is used to rollback the transaction and return the database to the state before the transaction started.</p> <p>The default terminator for a ROLLBACK command is ;</p>

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## Author(s)

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## Changelog

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