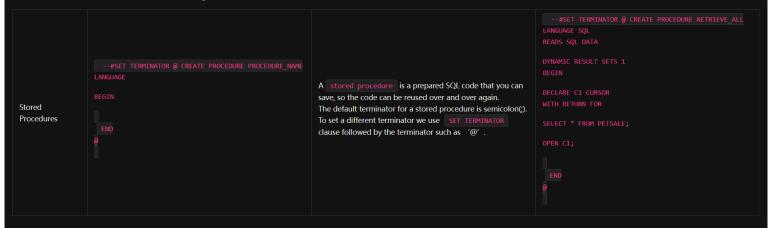


## **SQL Cheat Sheet: Views, Stored Procedures and Transactions**

#### **Views**

Торіс	Syntax	Description	Example
Create View		A CREATE VIEW is an alternative way of representing data that exists in one or 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 a view.	
Drop a View		Use the DROP VIEW statement to remove a view from the database.	

#### Stored Procedures in IBM Db2 using SQL



## Stored Procedures in MySQL using phpMyAdmin

```
DELIMITER //

CREATE PROCEDURE PROCEDURE_NAME

A stored procedure is a prepared SQL code that you can save, so the code can be reused over and over again.

The default terminator for a stored procedure is semicolon
(c). To set a different terminator we use DELIMITER clause followed by the terminator such as $$ or //.

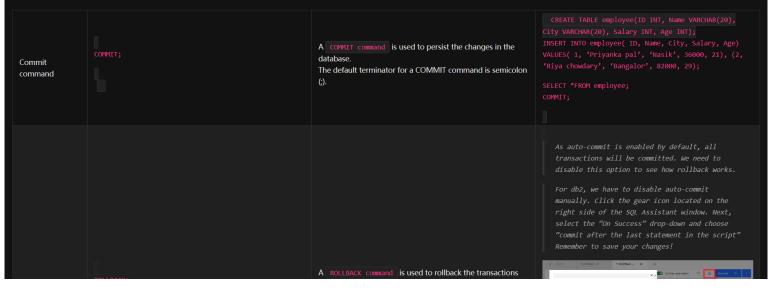
DELIMITER;

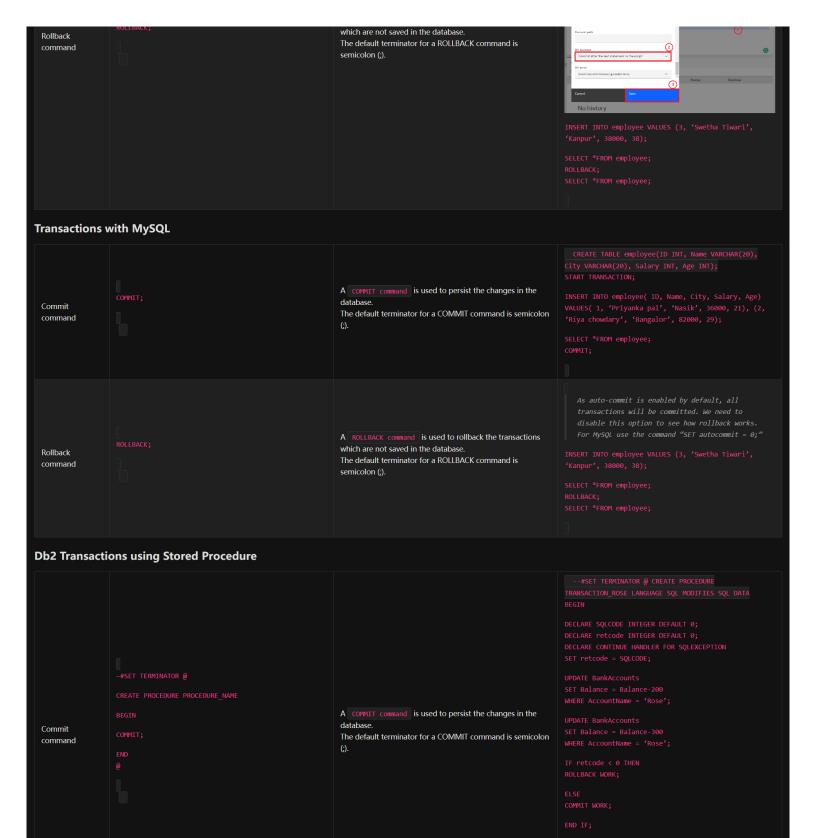
DELIMITER;

DELIMITER;

DELIMITER;
```

#### **Transactions with Db2**





```
Rollback command

COMMIT;

COMMIT;

A ROLLBACK command is used to rollback the transactions which are not saved in the database.
The default terminator for a ROLLBACK command is semicolon (;).

END

@

If retcode < 0 THEN ROLLBACK WORK;

ELSE COMMIT WORK;

END IF;

END IF;
```

## **MySQL Transactions using Stored Procedure**

```
A COMMIT command is used to persist the changes in the
Commit
                                                                                The default terminator for a COMMIT command is semicolon
command
                                                                                A ROLLBACK command is used to rollback the transactions
                                                                                which are not saved in the database.
Rollback
                                                                                The default terminator for a ROLLBACK command is
command
                                                                                semicolon (;).
```

# Author(s)

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Changelog

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