# Other SQL Queries

* To list down all databases
  + SELECT name, database\_id, create\_date FROM sys.databases;
  + GO
* To use a database
  + use mydb

# SQL Queries

* To connect to the database
  + sqlcmd -S localhost -U sa -P Root123$
* Create a new database
  + create database javasql\_training
  + GO
* Select all the databases
  + select name, database\_id from sys.databases;
  + GO
* Create table 'employee'
  + create table employee (id int, name varchar(20), address varchar(50))
  + GO
* Insert records
  + insert into employee (id, name, address) values (101, 'Akash', 'Bangalore')
  + GO
  + insert into employee (id, name, address) values (102, 'Anjali', 'Delhi')
  + GO
* Select all fields
  + select \* from employee
  + GO
* Select partial (selection of fields)
  + select id, name from employee
* Delete an employee
  + delete from employee where id=101
* Update without any condition
  + update employee set address = 'Kolkata'
* Update based on condition
  + update employee set address = 'Delhi' where id = 102
* Updating more than 1 field based on condition
  + update employee set name = 'X', address = 'Bangalore' where id = 103
  + GO

# JDBC

* Connection String
  + String connectionUrl =
  + "jdbc:sqlserver://localhost:1433;"
  + + "databaseName=First\_LinuxDB;user=sa;password=Root123$"
  + + ";encrypt=true;trustServerCertificate=true;"
* Driver name
  + Class.forName("com.microsoft.sqlserver.jdbc.SQLServerDriver");

# SQL Server

* Ubuntu Version

Microsoft SQL Server 2022 (RC1) - 16.0.950.9 (X64)

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