Last Class 🡪 ResultSetMetaData

Today 🡪 DatabaseMetaData

What is Database Meta Data?

* Data about the Database is called Database meta data
* It provides the information about
  + Type of database
  + Type of driver
  + User name
  + Number of tables
  + Number of views
  + ……………

How to get the Database Meta Data ?

In Connection interface, we have a method called getMetaData()

Below are the list of Methods available in Database Meta Data:

Scrollable and Updatable ResultSet

By default, the resultset object is Uni directional

To convert the result set object to Bi directional, we have to pass Two arguments

1. Sensitivity type
2. Concurrency type

At the time of creating either Statement Object or PreparedStatement Objejct ( Step 3)

In Statement:

stmt = con.createStatement

(ResultSet.***TYPE\_SCROLL\_INSENSITIVE***,

ResultSet.***CONCUR\_UPDATABLE***);

In Prepared Statement:

pstmt = con.prepareStatement(SQL\_QUERY,

ResultSet.***TYPE\_SCROLL\_INSENSITIVE***,

ResultSet.***CONCUR\_UPDATABLE***);

Various method available in Result set:

1. next() 🡪 is used to check whether the pointer is referring ALR or not
2. getX() 🡪 where X is the Java data type of the column. Used to fetch the value from column
3. first() 🡪 used to retrieve the very first record from the result set
4. last() 🡪 used to retrieve the last record from the result set
5. absolute(x) 🡪 used to retrieve the Xth record from the result set
6. relative(x) 🡪 move the cursor to X number of records from the current position
7. getRow() 🡪 used to retrieve the Row number or position of the record in result set
8. afterLast() 🡪 used to place the cursor at After Last record position
9. beforeFirst() 🡪 used to place the cursor at Before First position