The below are the list of methods defined in ResultSetMetaData Interface:

* getCatalogName(int)
* getColumnClassName(int)

returns the equivalent class name of the data type for that column in Java

* getColumnCount()

returns the number of columns available in the table

* getColumnDisplaySize(int)

returns the size of the column

* getColumnLabel(int)

returns the name of the column

* getColumnName(int)
* returns the name of the column
* getColumnType(int)

returns the constant value associated to sql data type in java.sql.Types class

* getColumnTypeName(int)

returns the SQL data type name

* getPrecision(int)

returns the max. number of allowed symbols for double data type

* getScale(int)

returns the max. number of allowed decimals or fractions for double data type

* getSchemaName(int)
* getTableName(int)
* isAutoIncrement(int)
* isCaseSensitive(int)
* isCurrency(int)
* isDefinitelyWritable(int)
* isNullable(int)
* isReadOnly(int)
* isSearchable(int)
* isSigned(int)
* isWritable(int)

**package** com.sssit.product.controller;

**import** java.sql.Connection;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.sql.ResultSetMetaData;

**import** java.sql.SQLType;

**import** java.sql.Types;

**import** com.sssit.product.util.JDBCConnection;

**public** **class** ResultSetMetaDataDemo {

**public** **static** **void** main(String[] args) {

Connection con = **null**;

PreparedStatement pstmt = **null**;

**try**

{

con=JDBCConnection.*getConnection*();

**final** String SQLQuery = "select pid from product";

pstmt = con.prepareStatement(SQLQuery);

ResultSet rs = pstmt.executeQuery();

ResultSetMetaData rsmd = rs.getMetaData();

System.***out***.println("No. of Columns = " + rsmd.getColumnCount());

**for**(**int** i=1;i<=rsmd.getColumnCount();i++) {

System.***out***.println("getColumnClassName = " + rsmd.getColumnClassName(i));

System.***out***.println("getColumnDisplaySize = " + rsmd.getColumnDisplaySize(i));

System.***out***.println("getColumnLable = " + rsmd.getColumnLabel(i));

System.***out***.println("getColumnName = " + rsmd.getColumnName(i));

System.***out***.println("getColumnType = " + rsmd.getColumnType(i));

System.***out***.println("getColumnTypeName = " + rsmd.getColumnTypeName(i));

System.***out***.println("getPrecision = " + rsmd.getPrecision(i));

System.***out***.println("getScale = " + rsmd.getScale(i));

System.***out***.println("getSchemaName = " + rsmd.getSchemaName(i));

System.***out***.println("getTableName = " + rsmd.getTableName(i));

System.***out***.println("Is Nullable = " + rsmd.isNullable(i));

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

}

}

**catch** (Exception e) {

// **TODO**: handle exception

}

}

}