

Assignment – 3

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JDBC connectivity:

Code:

```
import java.sql.*;

public class JavaToMySQL {

    // JDBC URL, username and password of MySQL server
    private static final String url = "jdbc:mysql://localhost:3306/EMP";
    private static final String user = "root";
    private static final String password = "";

    // JDBC variables for opening and managing connection
    private static Connection con;
    private static Statement stmt;
    private static ResultSet rs;

    public static void main(String args[]) {
        String query = "select count(*) from Employees";
        try {
            // opening database connection to MySQL server
            con = DriverManager.getConnection(url, user, password);
```

```
// getting Statement object to execute query
stmt = con.createStatement();
// executing SELECT query
rs = stmt.executeQuery(query);
while (rs.next())
{
    int count = rs.getInt(1);
    System.out.println("Total number of books in the table : " + count);
}

} catch (SQLException sqlEx) {
    sqlEx.printStackTrace();
}
finally {
    //close connection ,stmt and resultset here
    con.close();
    stmt.close();
    rs.close();
}
}
```

```
mysql> show databases
-> ;
+-----+
| Database |
+-----+
| information_schema |
| cat |
| db1 |
| emp |
| it |
| m.tech |
| mca |
| mysql |
| performance_schema |
| student |
| suba |
| test |
+-----+
12 rows in set (0.01 sec)

mysql> _
```