

MODERN WEB APPLICATION DEVELOPMENT

JAVASPRINGBOOT

SUMMER EXTERNSHIP

ASSIGNMENT

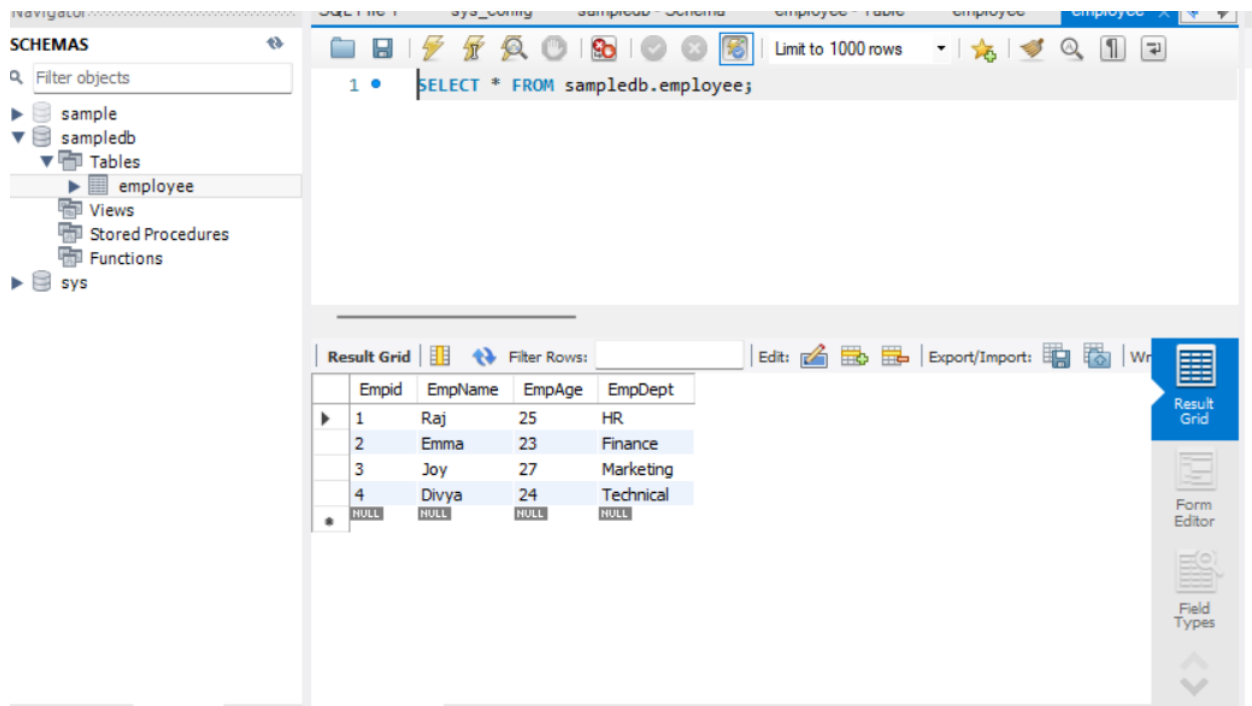
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Question : Implement JDBC connectivity using java

Initially we have to download and create a database in MySql



Now to perform the JDBC connection we have to follow 5 steps

1. Register the driver

```
Class.forName("com.mysql.jdbc.Driver");
```

2. Connection

Connection conn=

```
DriverManager.getConnection("jdbc:mysql://localhost:3306/s  
ampledatab", "root", "tiger");
```

3. Statement

```
Statement stmt= conn.createStatement();
```

4. Execute Query

```
ResultSet rs= stmt.executeQuery("select * from employee");
while (rs.next()) {
```

```
System.out.println(rs.getInt(1)+  
"+rs.getString(2)+" "+ rs.getInt(3)+" "+ rs.getString(4));
```

}

5. Close the connection

conn.close();

```
1 package sample;
2
3 import java.sql.Connection;
4 import java.sql.DriverManager;
5 import java.sql.ResultSet;
6 import java.sql.Statement;
7
8 public class jdbc {
9     public static void main(String args[]) {
10         try {
11             Class.forName("com.mysql.jdbc.Driver");
12
13             Connection conn= DriverManager.getConnection("jdbc:mysql://localhost:3306/sampledb","root","tiger");
14
15             Statement stmt= conn.createStatement();
16
17             ResultSet rs= stmt.executeQuery("select * from employee");
18
19             while (rs.next()) {
20                 System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+ rs.getInt(3)+" "+ rs.getString(4));
21             }
22
23             conn.close();
24         }
25         catch (Exception e) {
26
27         }
28     }
29 }
30
31
32
33
```

Once we run the java code we will get the following output:

```
<terminated> jdbc [Java Application] C:\Program
Loading class `com.mysql.jdbc.Dr
1 Raj 25 HR
2 Emma 23 Finance
3 Joy 27 Marketing
4 Divya 24 Technical
```