Modern web application development
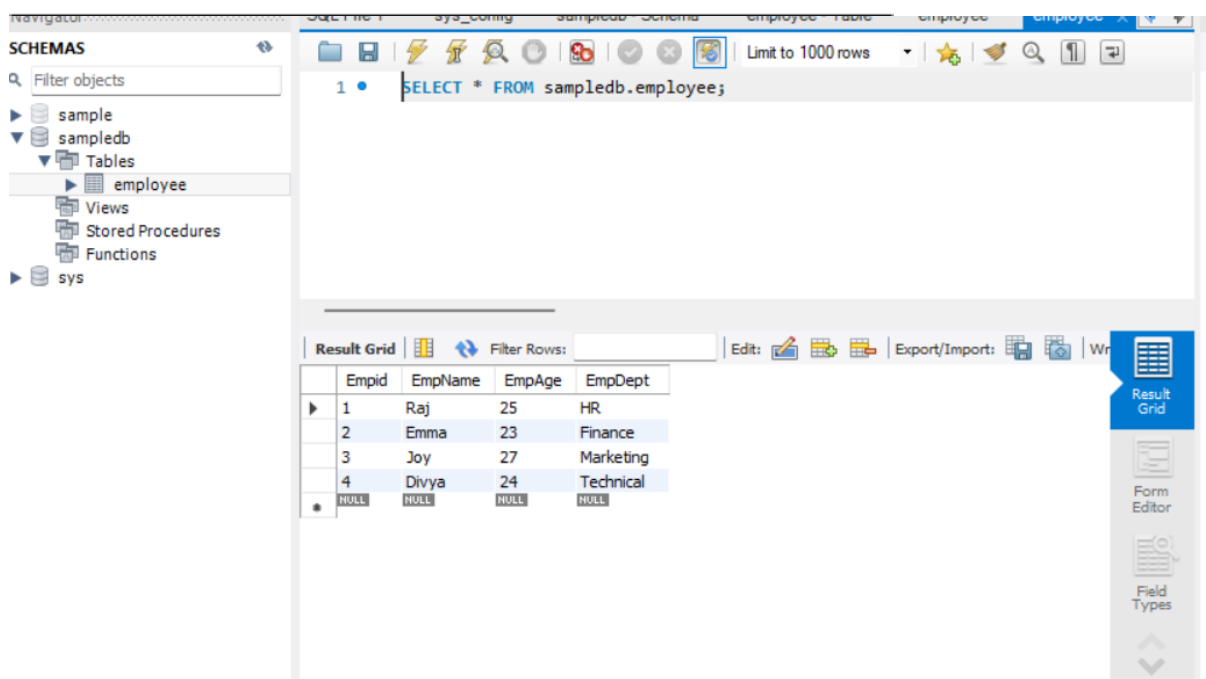
(Java spring boot)

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Implementing JDBC connectivity using java First, we must download and set up a MySql database.

The JDBC connection now requires that we complete 5 steps.

1. Register the driver

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

2. Connection

Connection conn= DriverManager.getConnection("jdbc:mysql://localhost :3306/s ampledb","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();

```java
package sample;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;

public class jdbc {
    public static void main(String args[]){
        try
        {
            Class.forName("com.mysql.jdbc.Driver");

            Connection conn= DriverManager.getConnection("jdbc:mysql://localhost:3306/sampledb","root","tiger");

            Statement stmt= conn.createStatement();

            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));
            }

            conn.close();
        }
        catch (Exception e) {

        }
    }
}
```

When we execute the Java code, we will see the output shown below:

```
25            }
26            catch (Exception e) {
27
28            }
29        }
30 }
31
32
```

```
Loading class `com.mysql.jdbc.Driver'. This is depre
1 Ryan 10000 M
2 Keerthi 15000 F
3 Roshan 8000 M
4 Sarang 20000 M
```