

Ex. No: 10	APPLICATION DEVELOPMENT USING JDBC CONNECTIVITY
Date	26-03-24

Objective

To develop an application using JDBC connectivity.

Detailed procedure:

1. Load the driver
2. Define the Connection URL
3. Establish the connection

```
import java.sql.*;  
.....  
Try  
{  
    Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");  
    Connection  
    con=DriverManager.getConnection("jdbc:odbc:3csec","system","manager");  
    //3csec->DSN ,system->username,manager->pwd  
}  
Catch (Exception e){  
    //print error  
}  
}
```
4. Create a statement object
5. Execute a Query

Program:

```
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.cj.jdbc.Driver");  
            Connection connection = DriverManager.getConnection(  
                "jdbc:mysql://localhost:3300/jdbc", "root", ""
```

```

);

Statement statement = connection.createStatement();

ResultSet resultSet = statement.executeQuery("select * from
employee_1023");

while (resultSet.next()) {

    System.out.println(resultSet.getInt(1) + " " + resultSet.getString(2) + " " +
resultSet.getString(3));

}

connection.close();

} catch (Exception e) {

    System.out.println(e);

}

}

}

```

Output:

The screenshot displays two windows. The top window is phpMyAdmin, showing the 'employee_1023' table with two rows of data. The bottom window is the IntelliJ IDEA Run console, showing the output of the Java program.

phpMyAdmin Table Data:

eid	name	age
1023	soorya	18
1048	Hari	19

IntelliJ IDEA Run Console Output:

```

C:\Users\Prassanna\.jdk\openjdk-22\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.1\lib\idea_rt.jar=64484:C:\Program Files\JetBrains\IntelliJ IDEA 202
1023 soorya 18
1048 Hari 19
Process finished with exit code 0

```

Result

To develop an application using JDBC connectivity is successfully executed.