

Experiment 11

Aim

write java code to Demonstrate the connection of database using JDBC.

Theory

JDBC is an acronym for Java Database Connectivity. It is a standard Java API for database-independent connectivity between the Java programming language and a wide range of databases.

Making the database

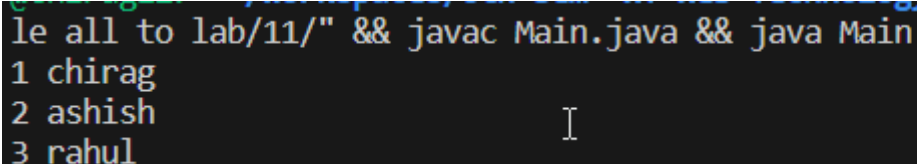
```
create database sonoo;
use sonoo;
create table emp(id int(10),name varchar(40));
insert into emp values(1,'chirag'),(2,'ashish'),(3,'rahul');
```

Code

```
import java.sql.*;
class MysqlCon{
public static void main(String args[]){
try{
Class.forName("com.mysql.jdbc.Driver");
Connection con=DriverManager.getConnection(
"jdbc:mysql://localhost:3306/sonoo","root","root");

Statement stmt=con.createStatement();
ResultSet rs=stmt.executeQuery("select * from emp");
while(rs.next())
System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3));
con.close();
}catch(Exception e){ System.out.println(e);}
}
}
```

Output



```
le all to lab/11/" && javac Main.java && java Main
1 chirag
2 ashish
3 rahul
```