

1.1. Do the workshop 2 in the CD (JDBC-I).

1.2. Create myBank database and myCustomer table. The myCustomer table has the structure:

Column Name	Data Type
AccountName	Varchar
AccountNo	Varchar
Address	Varchar

Type the below code to create an application using JDBC. Save the file as myDB.java

```
import java.sql.*;

public class myDB {
    Connection con = null;
    public void setupConnection(){
        try {
            Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
            System.out.println("Loading driver successful");
        } catch (ClassNotFoundException ex) {
            System.out.println("Loading driver unsuccessful");
        }
        try {
            con = DriverManager.getConnection("jdbc:odbc:myBank");
            System.out.println("Connection successful ");
        } catch (SQLException ex) {
            System.out.println("Connecting unsuccessful");
        }
    }
    protected void finalize() throws Throwable {
        try {
            if(con != null)
                con.close();
            con = null;
        }
    }
}
```

```
    } catch (SQLException ex) {  
        System.out.println("Can not close connection");  
    }  
}  
  
public void viewRecords()  
{  
    ResultSet rs = null;  
    Statement sa = null;  
  
    try  
    {  
        sa = con.createStatement();  
        rs = sa.executeQuery("select * from myCustomer");  
        while(rs.next())  
        {  
            System.out.println(rs.getString(1)+"\t"+rs.getString(2)+"\t"+rs.getString(3));  
        }  
    }  
  
    catch(SQLException ex)  
    {  
        System.out.println(ex);  
    }  
  
    finally{  
        try{  
            rs.close();  
            sa.close();  
        }  
        catch(Exception ex){  
        }  
    }  
}
```

```
}  
public myDB() {  
    this.setupConnection();  
    this.viewRecords();  
}  
public static void main(String []args) {  
    new myDB();  
}  
}
```

Do It Yourself

- 1.3. Write a Java application **StudentDetails** that will add, modify and delete records from a **student** table. The **student** table has the structure as shown in this table:

Column Name	Data Type
Name	Varchar
Rollno	Numeric
Class	Varchar

The output of the program is as shown as below.

