

MySQL JDBC

```
package p.DB;

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

public class DemoJDBC
{
    Statement stmt;
    Connection con;
    ResultSet rs;

    public DemoJDBC()
    {
        try
        {
            Class.forName("com.mysql.cj.jdbc.Driver");

            con=DriverManager.getConnection("jdbc:mysql://@localhost:3306/account","root","546dgf
95@12368.");

            stmt=con.createStatement();

        }
        catch(SQLException e)
        {
            e.printStackTrace();
        }
        catch(Exception e)
        {
            e.printStackTrace();
        }
    }

    public void retrieveData()
    {
        try
        {
            rs=stmt.executeQuery("select * from accounts_table");

            while(rs.next())
            {
                int accNoDb=rs.getInt(1);
                String accType=rs.getString(2);
            }
        }
    }
}
```

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        float accBal=rs.getFloat(3);
        System.out.println "["+accNoDb+" "+accType+" "+accBal+"]");
    }
}
catch(Exception e)
{
    e.printStackTrace();
}
}

public void insertData()
{
    try
    {
        int updateCount=stmt.executeUpdate("insert into accounts_table
values(1003,'Savings',35000.0)");
        if(updateCount>0)
            System.out.println("query executed well(insert)");
    }
    catch(Exception e)
    {
        e.printStackTrace();
    }
}

public void deleteData()
{
    try
    {
        int delete=stmt.executeUpdate("delete from accounts_table where
AccountNo=1001");
        System.out.println("Deleted record");
        retrieveData();
    }
    catch (Exception e)
    {
        e.printStackTrace();
    }
}

public void updateData()
{
    try
    {
        int update=stmt.executeUpdate("update accounts_table set
AccountBalance='0' where AccountNo=3");
        System.out.println("Updated record");
        retrieveData();
    }
}

```

```

    }
    catch(Exception e)
    {
        e.printStackTrace();
    }
}

public static void main(String[] args)
{
    DemoJDBC j=new DemoJDBC();
    j.insertData();
    j.retrieveData();

    System.out.println("-----");
    j.deleteData();
    System.out.println("-----");
    j.updateData();
}
}

```

OUTPUT

query executed well(insert)

```

[1 Savings 10000.0]
[2 Demat 20000.0]
[3 Current 99999.0]
[1001 Savings 35000.0]
[1002 Savings 35000.0]
[1003 Savings 35000.0]

```

Deleted record

```

[1 Savings 10000.0]
[2 Demat 20000.0]
[3 Current 99999.0]
[1002 Savings 35000.0]
[1003 Savings 35000.0]

```

Updated record

```

[1 Savings 10000.0]
[2 Demat 20000.0]
[3 Current 0.0]
[1002 Savings 35000.0]
[1003 Savings 35000.0]

```