

Name: Vikas Bagri

ID: 20561008

Course: MCA - 2A

Que:2 Source code

```
import java.sql.*;  
import java.io.*;  
import java.util.Scanner;  
  
class Oracle {  
  
    public static void main(String[] g) {  
        try {  
            Class.forName("oracle.jdbc.driver.OracleDriver");  
  
            Connection c = DriverManager.getConnection  
                ("jdbc:oracle:thin:@localhost:1521:xe",  
                 "mca2020", "vitas");  
  
            Statement s = c.createStatement(ResultSet.  
                TYPE_SCROLL_SENSITIVE, ResultSet.  
                CONCUR_UPDATABLE);  
  
            s.executeUpdate("create table bookdetails  
                (bookname varchar2(20), authorname varchar2  
                (20), numberofpages number, price number)");  
  
            s.close();  
        }  
    }  
}
```

*(Vikas)*

```
PreparedStatement ps = c.prepareStatement("/insert  
into bookdetails values (?, ?, ?, ?)", ResultSet.TYPE  
SCROLL_SENSITIVE, ResultSet.CONCUR_UPDATABLE);
```

```
Scanner sc = new Scanner(System.in);
```

```
sop("Enter Book name");
```

```
String t1 = sc.nextLine();
```

```
sop("Enter Author name");
```

```
String t2 = sc.nextLine();
```

```
sop("Enter number of pages");
```

```
int t3 = sc.nextInt();
```

```
sop("Enter book price");
```

```
int t4 = sc.nextInt();
```

```
ps.setString(1, t1);
```

```
ps.setString(2, t2);
```

```
ps.setInt(3, t3);
```

```
ps.setInt(4, t4);
```

```
ps.executeUpdate();
```

```
ps.close();
```

```
ps = c.prepareStatement("Select * from bookdetails");
```

```
ResultSet result1 = ps.executeQuery();
```

```
sop("\n Book Details are -- ");
```

- *Utkarsh*

```
while (result1.next())
```

```
{
```

```
    sop (result1.getString(1));
```

```
    sop (result1.getString(2));
```

```
    sop (result1.getInt(3));
```

```
    sop (result1.getInt(4));
```

```
}
```

```
catch (Exception i) {
```

```
    sop(i);
```

```
}
```

```
}
```

```
}
```

Chitra

Microsoft Windows [Version 10.0.19042.1110]  
(c) Microsoft Corporation. All rights reserved.

E:\Vikas Bagri>javac Oracle.java

E:\Vikas Bagri>java Oracle

Enter Book name

Klara and the sun

Enter Author name

Kazumi

Enter number of pages

250

Enter Book price

750

Book Details are --

Klara and the sun

Kazumi

250

750

E:\Vikas Bagri>