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Q2

```
import java.sql.*;  
import java.util.*;  
public class Q2 {
```

```
    public static void main (String[] args) {  
        // TODO Auto-generated method stub
```

```
        try {
```

```
            Class.forName ("com.mysql.cj.jdbc.Driver");
```

```
            Connection
```

```
            conn = DriverManager.getConnection ("jdbc:mysql://localhost:3306/  
            mydb", "root", "1234");
```

```
            System.out.println ("Connected");
```

```
            Prepared Statement
```

```
            pstmt = conn.prepareStatement ("insert into bookdetails values (?,?,?)");
```

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

```
            System.out.println ("Enter book name?");
```

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



```
System.out.println("Enter author name");
```

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

```
System.out.println("Enter no. of pages");
```

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

```
System.out.println("Enter price");
```

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

```
pst.setString(1, name);
```

```
pst.setString(2, name);
```

```
pst.setStringsetInt(3, nop);
```

```
pst.setInt(4, price);
```

```
int x = pst.executeUpdate();
```

```
pst.close();
```

```
if(x != 0) {
```

```
    System.out.println("Data inserted");
```

```
}
```

```
else {
```

```
    System.out.println("Enter again");
```

```
}
```

```
pst = conn.prepareStatement("select * from booktable");
```

```
ResultSet rs = pst.executeQuery();
```

```
while(rs.next()) {
```

```
    System.out.println("Book Name: " + rs.getString(1));
```



```
System.out.println("Author name: " + rs.getString(2));
```

```
System.out.println("No of pages: " + rs.getInt(3));
```

```
System.out.println("Price: " + rs.getInt(4));
```

```
}
```

```
//create preparedStatement
```

```
rs.close();
```

```
conn.close();
```

```
}
```

```
catch (Exception e) {
```

```
    e.printStackTrace();
```

```
}
```

```
}
```

```
}
```

Harsh

```
Connected
Enter book name
book1
Enter author name
author1
Enter number of pages
100
Enter price
200
Data inserted
Book Name: book1
Author Name: author1
No of pages: 100
Price: 200
```