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Course: MCA 2A

Subject: Java Lab programming

Q2:

```
import java.sql.*;  
import java.util.*;
```

```
public class Q2 {
```

```
    public static void main (String[] args)
```

```
{
```

```
    try {
```

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

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

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

```
        PreparedStatement pst = conn.prepareStatement  
            ("insert into book details values (?, ?, ?, ?)");
```

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

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

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

```
        System.out.print ("Enter Author name:");
```

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

```
        System System.out.print ("Number of pages:");
```

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

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

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

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

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

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

```
pst.setInt(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  
book details");
```

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

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

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

```
}
```

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

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

```
}
```

```
}
```

```
}
```