

END TERM PRACTICAL

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Course - MCA

Roll no. - 20551091

Subject - Programming in Java (PMC-202)

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");
```

```
    PreparedStatement
```

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

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

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

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

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

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②

```
String name = sc.nextLine();
System.out.println("Enter number of pages");
int nop = sc.nextInt();
System.out.println("Enter price");
int price = sc.nextInt();
pst.setString(1, name);
pst.setString(2, name);
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.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));
}
```

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}

// create procedure

// rs. fins + ();

conn. close ();

}

catch (Exception e) {

e. print Stack Trace ();

}

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{
}

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