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MCA - 2B
2071112S
PMC - 202

Java Programming Practicle.

Q2.
A2.

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

public static void main (String [] args)
 { // TODO Auto-generated method stub by
 {
 Class.forName ("com.mysql.cj.jdbc.
  Driver");

 Connection
 Conn = DriverManager.getConnection
 ("jdbc:mysql://localhost:3306/mydb",
  "root", "1234");
 System.out.println ("Connected");
```

(1) Start

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

```
Scanner sc = new Scanner (System.in);
System.out.println ("Enter book name");
String bname = sc.nextLine();
System.out.println ("Enter author name");
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, bname);
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");
}
```

(2)
Mail

```
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(2));
    System.out.println("Author Name:"+rs.
                        getString(2));
    System.out.println("No. of pages:"+rs.
                        getInt(3));
    System.out.println("Price:"+rs.
                        getInt(4));
}
```

(3) Lab

```
// create procedure
// rs.first();
    Conn.close();
}
```

```
Catch ( Exception e)
 }
   e.printStackTrace();
  }
 }
}
```

(4)
Stack

```
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
```