

Java Programming (PM C 202)

End Term Practical Exam

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Q2.

```
import java.sql.*;
import java.util.*;
public class Demo {
    public static void main(String[] args) {

        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection
            conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/mydb", "root", "123");

            System.out.println("Connected");
            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");
}
else {
    System.out.println("Enter again");
}

pst = conn.prepareStatement("Select * from bookdetails");
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));
}

conn.close();
}

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