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course :- MCA-2B
subject :- Java lab practical Exam
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Ques 2>
```java
import java.sql.*;
import java.util.*;
public class Q2 {
Public static void main (String [] args) {
try {
    class.forName ("com.naysql.cj.jdbc.Driver");
    Connection
conn = DriverManager.getconnection ("jdbc:
nysql://localhost:3306/mydb", "root", "1234");
System.out.println ("connected");
Prepared statement pst = conn.prepare statement ("
insert into bookdetails values (?,?,?,?);
    Scanner sc = new Scanner (System.in);
    system.out.println ("Enter book name");
    string bname = sc.nextLine();
    System.out.print in ("Enter author name");
    string name = sc.nextLine();
    system.out.println ("Enter number of
pages");
    int nop = sc.nextInt();
    system.out.println ("enter price");
```

```java
int price = sc.nextInt();
Pst.setstring(1, bname);
Rst.setstring(2, name);
Pst.setInt(3, nop);
Pst.setInt(4, price);
int u = pst.executeUpdate();
Rst.close();
if(u != 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));
}
```

```
// create procedure
// rs.first();
conn.close();
}
    catch (Exception e) {
    e.printStackTrace();
    }
  }
}
```

```java
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( url: "jdbc:mysql://localhost:3306/mydb", user: "root", passw
            System.out.println("Connected");
            PreparedStatement pst=conn.prepareStatement( sql: "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( parameterIndex: 1, bname);
            pst.setString( parameterIndex: 2, name);
            pst.setInt( parameterIndex: 3, nop);
            pst.setInt( parameterIndex: 4, price);
            int x=pst.executeUpdate();
            pst.close();
            if(x!=0) {
                System.out.println("Data inserted");
            }
            else {
```

```java
                pst.setInt( parameterIndex: 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( sql "select * from bookdetails");
                ResultSet rs=pst.executeQuery();
                while(rs.next()) {
                    System.out.println("Book Name: "+rs.getString( columnIndex: 1));
                    System.out.println("Author Name: "+rs.getString( columnIndex: 2));
                    System.out.println("No of pages: "+rs.getInt( columnIndex: 3));
                    System.out.println("Price: "+rs.getInt( columnIndex: 4));


                }
                //create procedure

                //rs.first();
                conn.close();
            }
        catch(Exception e) {
            e.printStackTrace();
        }
    }
}
```

```
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
```