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Course – MCA 2B
Sub – Java Lab practical.
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(2)
```java
import java.sql.*;
import java.util.*;
public class Q2{
Public static void main(String[] args)
{
try
{ class.forName("com.mySQL.cj.jdbc.Driver");
Connection
conn = DriverManager.getconnection("jdbc:mysql://localhost:3306/
mydb", "root", 1234");
System.out.println("connected");
prepared statement pst = conn.preparedstatement("insert into bookdetail
value(???))");
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.outprintln("enter the no. of pages");
int nop = sc.nextInt();
System.out.println("enter price");
int price = sc.nextInt();
pst.setString(1, bname);
pst.setInt(3, nop);
pst.setInt(4, price);
int x = pst.executeupdate();
pst.close();
if (x!= 0)
}
```

```java
System.out.printhr("data inserted");
} else
System.out.println("enter again");
} pst = conn.preparestatement("select * from bookdetails");
ResultSet rs = pst.excuteQuery();
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();
} } }
```

```java
import java.sql.*;                                                        ✔ 4
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
```