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Java programming

20711045

mca (2A)

```
2. import java.sql.*;
import java.util.*;
public class Q2 {
    public static void main (String [] args)
```

```
{
    // To Do 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 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("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.getConnection().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));  
}
```

```
// 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
```


ques 2 (1) - Notepad

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```
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 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));
        }
    }
}
```

Ln 1, Col 1

ques 2 (1) - Notepad

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```
        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();
    }
}
```



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