

```

1 import java.sql.*;
2 import java.util.*;
3 public class Q2 {
4     public static void main(String[] args) {
5         // TODO Auto-generated method stub
6     try {
7         Class.forName("com.mysql.cj.jdbc.Driver");
8         Connection conn=DriverManager.getConnection("jdbc:mysql://localhost:3306
9             /mydb","root","1234");
10        System.out.println("Connected");
11        PreparedStatement pst=conn.prepareStatement("insert into bookdetails
12            values (?, ?, ?, ?)");
13        Scanner sc=new Scanner(System.in);
14        System.out.println("Enter book name");
15        String bname=sc.nextLine();
16        System.out.println("Enter author name");
17        String name=sc.nextLine();
18        System.out.println("Enter number of pages");
19        int nop=sc.nextInt();
20        System.out.println("Enter price");
21        int price = sc.nextInt();
22        pst.setString(1, bname);
23        pst.setString(2, name);
24        pst.setInt(3, nop);
25        pst.setInt(4, price);
26        int x=pst.executeUpdate();
27        pst.close();
28        if(x!=0) {
29            System.out.println("Data inserted");
30        }
31        else {
32            System.out.println("Enter again");
33        }
34    }
35 }

```

```
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();
}

}
```



```
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
```