```
1           <%@ page language="java" contentType="text/html; charset=UTF-8"
2       pageEncoding="UTF-8"%>
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <meta charset="UTF-8">
7 <title>Insert title here</title>
8 <style>
9 body {
10 position: relative;
11 margin:200px;
12 background-size:cover;
13 }
14 </style>
15 </head>
16 <body background="rose.jpg">
17 <div align = "center" >
18 <h1 style="color: Magenta;">!....... WELCOME UMA LAKSHMI........!</h1>
19 <h2 style="color: Cyan;">ADD PRODUCT DETAILS </h2>
20     <form  action="Product" method="post">
21         <table>
22             <tr>
23                 <td>Product ID: </td>
24                 <td><input name="id" /></td>
25             </tr>
26             <tr>
27                 <td>Product NAME: </td>
28                 <td><input name="name" type="text" /></td>
29             </tr>
30             <tr>
31                 <td>Product Price: </td>
32                 <td><input name="price" /></td>
33             </tr>
34
35             <tr>
36                 <td><input type="submit" value="Submit"/></td>
37             </tr>
38         </table>
39     </form>
40 </div>
41 </body>
42 </html>
43
```

```
1       <%@ page language="java" contentType="text/html; charset=UTF-8"
2    pageEncoding="UTF-8"%>
3  <%@page import="java.util.ArrayList"%>
4  <%@page import="com.ProductClass"%>
5  <%@page import="java.util.Iterator"%>
6  <!DOCTYPE html>
7  <html>
8  <head>
9  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
10 <title>Product Profile</title>
11 <style>
12 body {
13 position: relative;
14 margin:200px;
15 background-size:cover;
16 }
17 </style>
18
19 </head>
20 <body background="peacock.jpg">
21
22    <%
23       ArrayList<ProductClass> p1 = (ArrayList) request.getAttribute("data");
24    %>
25
26    <div align="center">
27    <h1 style="color: red;">HI UMA LAKSHMI THIS IS YOUR PRODUCT DETAILS:......!</h1>
28       <table border="1">
29
30          <tr>
31             <th>product ID</th>
32             <th>productName</th>
33             <th>Product Price</th>
34          </tr>
35          <%
36             if (request.getAttribute("data") != null) {
37                Iterator<ProductClass> iterator = p1.iterator();
38                while (iterator.hasNext()) {
39                   ProductClass pc = iterator.next();
40          %>
41          <tr>
42             <td><%=pc.getId()%></td>
43             <td><%=pc.getName()%></td>
```

```
44             <td><%=pc.getPrice()%></td>
45          </tr>
46          <%
47                }
48             }
49          %>
50       </table>
51       <h1 style="color: red;">!.......THANK YOU FOR VISITING......!</h1>
52    </div>
53 </body>
54 </html>
55
```

```java
 1  package com;
 2  import java.io.IOException;
12
13  /**
14   * Servlet implementation class Product
15   */
16  @WebServlet("/Product")
17  public class Product extends HttpServlet {
18      private static final long serialVersionUID = 1L;
19
20      /**
21       * @see HttpServlet#HttpServlet()
22       */
23      public Product() {
24          super();
25          // TODO Auto-generated constructor stub
26      }
27
28      protected void processRequest(HttpServletRequest request, HttpServletResponse response)
29              throws ServletException, IOException {
30          PrintWriter out = response.getWriter();
31          response.setContentType("text/html;charset=UTF-8");
32          out.println("<!DOCTYPE html>");
33          out.println("<html>");
34          out.println("<head>");
35          out.println("<title>Product Details Portal</title>");
36          out.println("</head>");
37          out.println("<body>");
38          try {
39              int id = Integer.parseInt(request.getParameter("id"));
40              String name = request.getParameter("name");
41              float price = Float.parseFloat(request.getParameter("price"));
42
43              ProductClass product1 = new ProductClass(id, name,price);
44  //            product1 = new ProductClass(id, name, color, price));
45
46              HttpSession session = request.getSession();
47              session.setAttribute("data", product1);
48              request.setAttribute("data", product1.getProductDetails());
49              RequestDispatcher rd = request.getRequestDispatcher("profile.jsp");
50              rd.forward(request, response);
51
52              out.println("</body>");
53
54              out.println("</html>");
55
56          } catch (NumberFormatException e) {
57              out.println(e);
58          } catch (Exception e) {
59              out.println(e);
60          }
61      }
62
63      /**
64       * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
65       *      response)
66       */
67      protected void doGet(HttpServletRequest request, HttpServletResponse response)
68              throws ServletException, IOException {
69          processRequest(request, response);
70
71      }
72
73      /**
74       * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
75       *      response)
76       */
77      protected void doPost(HttpServletRequest request, HttpServletResponse response)
78              throws ServletException, IOException {
79          processRequest(request, response);
80      }
81  }
```

```java
1        package com;
2
3  import java.util.ArrayList;
4
5  public class ProductClass{
6      private int id;
7      private String name;
8      private float price;
9
10     public ProductClass(int id, String name, float price){
11         this.id=id;
12         this.name=name;
13         this.price=price;
14     }
15
16     public void setId(int id) {
17         this.id = id;
18     }
19
20     public void setName(String name) {
21         this.name = name;
22     }
23
24     public void setPrice(float price) {
25         this.price = price;
26     }
27
28     public int getId() {
29         return id;
30     }
31
32     public String getName() {
33         return name;
34     }
35
36     public float getPrice() {
37         return price;
38     }
39
40     public ArrayList<ProductClass> getProductDetails()
41     {
42         ArrayList<ProductClass> productList = new ArrayList<ProductClass>();


43
44     productList.add(new ProductClass(id, name, price));
45
46     for (ProductClass s : productList)
47         {
48             System.out.print("ID, Name,and Price of the product are : ");
49             System.out.println(s.id + " " + s.name + " " + s.price);
50         }
51     return productList;
52     }
53 }
54
```

```xml
1  <?xml version="1.0" encoding="UTF-8"?>
2  <web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee" xsi:schemaLoca
3
4    <welcome-file-list>
5      <welcome-file>index.html</welcome-file>
6      <welcome-file>index.jsp</welcome-file>
7      <welcome-file>index.htm</welcome-file>
8      <welcome-file>default.html</welcome-file>
9      <welcome-file>default.jsp</welcome-file>
10     <welcome-file>default.htm</welcome-file>
11   </welcome-file-list>
12
13 </web-app>
```

```xml
 1  <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLoca
 2    <modelVersion>4.0.0</modelVersion>
 3    <groupId>ProductDetailsPortal</groupId>
 4    <artifactId>ProductDetailsPortal</artifactId>
 5    <version>0.0.1-SNAPSHOT</version>
 6    <packaging>war</packaging>
 7    <build>
 8      <plugins>
 9        <plugin>
10          <artifactId>maven-compiler-plugin</artifactId>
11          <version>3.8.1</version>
12          <configuration>
13            <release>11</release>
14          </configuration>
15        </plugin>
16        <plugin>
17          <artifactId>maven-war-plugin</artifactId>
18          <version>3.2.3</version>
19        </plugin>
20      </plugins>
21    </build>
22      <dependencies>
23
24    <dependency>
25      <groupId>mysql</groupId>
26      <artifactId>mysql-connector-java</artifactId>
27      <version>8.0.16</version>
28  </dependency>
29  <dependency>
30      <groupId>org.hibernate</groupId>
31      <artifactId>hibernate-core</artifactId>
32      <version>5.5.6.Final</version>
33  </dependency>
34  <dependency>
35      <groupId>javax.servlet</groupId>
36      <artifactId>jstl</artifactId>
37      <version>1.2</version>
38  </dependency>
39      </dependencies>
40
41  </project>
```

OUTPUT:

!....... WELCOME UMA LAKSHMI........!

ADD PRODUCT DETAILS

Product ID: 1
Product NAME: rose
Product Price: 500

Submit

HI UMA LAKSHMI THIS IS YOUR PRODUCT DETAILS:......!

product ID	productName	Product Price
1	rose	500.0

!......THANK YOU FOR VISITING......!