

### Eproduct.java

```
package com;
import javax.xml.crypto.Data;
public class eproduct {
    int pid;
    String name;
    float price;
    public int getPid() {
        return pid;
    }
    public void setPid(int pid) {
        this.pid = pid;
    }
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    public float getPrice() {
        return price;
    }
    public void setPrice(float price) {
        this.price = price;
    }
    public eproduct(int pid, String name, float price) {
        super();
        this.pid = pid;
        this.name = name;
        this.price = price;
    }
    @Override
    public String toString() {
        return "eproduct [pid=" + pid + ", name=" + name + ", price=" + price + "];"
    }
}
```

Servlet.java:  
package com;

```

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import javax.transaction.SystemException;
import javax.transaction.Transaction;
import javax.servlet.*;

import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.cfg.Configuration;

/**
 * Servlet implementation class Servlet
 */
public class Servlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Servlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        String name = request.getParameter("fname");
        String price = request.getParameter("price");
        String id = request.getParameter("id");

        int id1 = Integer.parseInt(id);
        float price1 = Float.parseFloat(price);

        HttpSession session1 = request.getSession(true);

```

```

SessionFactory sessionFactory;

try {
    sessionFactory = new Configuration().configure().buildSessionFactory();
} catch (Throwable ex) {
    System.err.println("Failed to create sessionFactory object." + ex);
    throw new ExceptionInInitializerError(ex);
}

Session session = sessionFactory.openSession();
org.hibernate.Transaction tx = null;

try {
    tx = session.beginTransaction();
    eproduct product = new eproduct(id1, name, price1);
    System.out.println(product);
    session.save(product);
    response.sendRedirect("success");
    tx.commit();
} catch (Exception e) {
    if (tx != null)
        try {
            tx.rollback();
        } catch (IllegalStateException e1) {
            e1.printStackTrace();
        }
    e.printStackTrace();
} finally {
    session.close();
}
}

```

Success.java  
package com;

```

import java.io.IOException;
import java.io.PrintWriter;

```

```

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;

```

```

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Servlet implementation class success
 */
public class success extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public success() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        PrintWriter writer = response.getWriter();

        writer.println("<html>" + "<body>" + "<center><h3><font color='green'>"
            + "Details are added successfully via Hibernate. " + "</font></h3></center>" +
"</body>"
            + "</html>");
    }
}

```

Register.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<body>
    <h2>Registration Forms</h2>

    <form action="Servlet" method="post">

```

```
<label for="id">Id:</label><br>
<input type="text" id="id" name="id"><br>
<label for="fname">Product Name:</label><br>
<input type="text" name="fname"><br>
<label for="lname">Price:</label><br>
<input type="text" name="price"><br><br>
<input type="submit" value="Submit">
</form>
</body>
</html>
```