**SOURCE CODE:**

**HTML code :**

**Index\_p.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<h1> <a href="productForm.html"> Click to enter product details</a></h1>

</body>

</html>

**productForm.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<form action="ProductInfo" method="get">

Product name :<input type="text" name="Prod\_name"><br><br>

Price: <input type="number" name ="Price"><br><br>

Quantity <input type="number" name ="Quantity"><br><br>

<input type="submit" name="Save">

</form>

</body>

</html>

**Configuration code:**

<?xml version="1.0" encoding="UTF-8"?>

<!--

~ Hibernate, Relational Persistence for Idiomatic Java

~

~ License: GNU Lesser General Public License (LGPL), version 2.1 or later.

~ See the lgpl.txt file in the root directory or <http://www.gnu.org/licenses/lgpl-2.1.html>.

-->

<!DOCTYPE hibernate-configuration PUBLIC

"-//Hibernate/Hibernate Configuration DTD//EN"

"http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd">

<hibernate-configuration>

<session-factory>

<property name="format\_sql">false</property>

<property name="connection.url">jdbc:mysql://localhost:3306/hibernate</property>

<property name="connection.driver\_class">com.mysql.cj.jdbc.Driver</property>

<property name="connection.username">root</property>

<property name="connection.password">Pradeepa@2309</property>

<!-- JDBC connection pool (use the built-in) -->

<property name="connection.pool\_size">1</property>

<!-- SQL dialect -->

<property name="dialect">org.hibernate.dialect.MySQL5Dialect</property>

<!-- Disable the second-level cache -->

<property name="cache.provider\_class">org.hibernate.cache.internal.NoCacheProvider</property>

<!-- Echo all executed SQL to stdout -->

<property name="show\_sql">true</property>

<!-- Drop and re-create the database schema on startup -->

<!-- <property name="hbm2ddl.auto">create</property>-->

<property name="hbm2ddl.auto">update</property>

<mapping resource="product.hbm.xml"></mapping>

</session-factory>

</hibernate-configuration>

**Hibernate Mapping:**

<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE hibernate-mapping

SYSTEM

"http://www.hibernate.org/dtd/hibernate-mapping-3.0.dtd" >

<hibernate-mapping>

<class name="product.Product" table="Product\_details">

<id name="product\_id" column="product\_id">

<generator class="increment"/>

</id>

<property name="prod\_name" length="20"></property>

<property name="Price" ></property>

<property name="Quantity" ></property>

</class>

</hibernate-mapping>

**Java Files :**

**Product.java**

package product;

public class Product {

private int product\_id;

private String prod\_name;

private double Price;

private int Quantity;

public int getProduct\_id() {

return product\_id;

}

public void setProduct\_id(int product\_id) {

this.product\_id = product\_id;

}

public String getProd\_name() {

return prod\_name;

}

public void setProd\_name(String prod\_name) {

this.prod\_name = prod\_name;

}

public double getPrice() {

return Price;

}

public void setPrice(double price) {

Price = price;

}

public int getQuantity() {

return Quantity;

}

public void setQuantity(int quantity) {

Quantity = quantity;

}

}

**ProductInfo.java**

package product;

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;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.cfg.Configuration;

public class ProductInfo extends HttpServlet {

private static final long serialVersionUID = 1L;

public ProductInfo() {

super();

// TODO Auto-generated constructor stub

}

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

String product\_name= request.getParameter("Prod\_name");

Float price=Float.parseFloat(request.getParameter("Price"));

int quantity= Integer.parseInt(request.getParameter("Quantity"));

PrintWriter out= response.getWriter();

Product P= new Product();

P.setProd\_name(product\_name);

P.setPrice(price);

P.setQuantity(quantity);

Configuration config= new Configuration();

SessionFactory sf= config.configure().buildSessionFactory();

Session s= sf.openSession();

s.beginTransaction();

int t=(Integer)s.save(P);

s.getTransaction().commit();

s.close();

if(t>0) out.println("Product table details have been updated");

else

out.println("Product table details is not updated");

}

}

}