**Product.java:**

package ProductInfo;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="Product")

public class Product {

@Id

@GeneratedValue(strategy = GenerationType.AUTO)

private int proid;

@Column(length=20)

private String name;

@Column

private int cost;

public int getCost(){return cost;}

public void setCost(int cost){this.cost = cost;}

public int getproid() {return proid;}

public void setproid(int proid){this.proid = proid;}

public String getName(){return name;}

public void setName(String name) {this.name = name;}

}

AddingProduct:

ProductDAO.java

**package** ProductInfo;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**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;

@WebServlet("/ProductDAO")

**public** **class** ProductDAO **extends** HttpServlet

{

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException

{

**int** cost = Integer.*parseInt*(request.getParameter("txtcost"));

String name = request.getParameter("txtname");

// put values in Object

Product p1 = **new** Product();

p1.setCost(cost);

p1.setName(name);

SessionFactory sessionFactory = **new**

Configuration().configure().buildSessionFactory();

Session session = sessionFactory.openSession();

session.beginTransaction();

**int** i = (Integer) session.save(p1);

session.getTransaction().commit();

session.close();

PrintWriter out = response.getWriter();

**if** (i > 0)

out.println("<br><br><h1> Record inserted Successfully!!! </h1>");

**else**

out.println("Record not inserted");

}

}

**hibernate.cfg.xml:**

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

<!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:3307/ProductRecord</property>

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

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

<property name=*"connection.password"*>root</property>

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

<property name=*"connection.pool\_size"*>2</property>

<!-- SQL dialect -->

<property name=*"dialect"*>org.hibernate.dialect.MySQL8Dialect</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"*>update</property>

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

<mapping class=*"ProductInfo.Product"*></mapping>

</session-factory>

</hibernate-configuration>

**Index.jsp:**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<br>

<br>

<a href=*"Prodc.html"*> <h1>Adding a new product in the Database<h1></h1> </a>

</body>

</html>

Proc.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form method=*"get"* action=*"ProductDAO"*>

<br>

<br>

<h1> ADDING PRODUCTS</h1>

<br>

<br>

<b>Enter Product Name: </b><input type=*"text"* name=*"txtname"*>

<br>

<br>

<b>Enter Product cost: </b> <input type=*"text"* name=*"txtcost"*>

<br>

<br>

<input type=*"submit"* value=*"Save"*>

</body>

</html>