**ADDING A PRODUCT INTO PRODUCT LIST**

package com.ecommerce.util;

import javax.persistence.Column;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@javax.persistence.Entity

@Table(name = "students")

public class students {

public String getname() {

return getname();

}

public void setname(String name ) {

this.name = name;

}

public int gets\_id() {

return s\_id;

}

public void sets\_id(int s\_id) {

this.s\_id = s\_id;

}

public String gets\_course() {

return s\_course;

}

public void sets\_course(String s\_course) {

this.s\_course = s\_course;

}

public int getc\_id() {

return c\_id;

}

public void setc\_id(int c\_id) {

this.c\_id = c\_id;

}

@Id

@Column(name="c\_id")

int c\_id;

@Column(name = "s\_course")

String s\_course;

@Column(name = "s\_id")

int s\_id;

@Column(name="name")

// @GeneratedValue(strategy = GenerationType.IDENTITY)

String name;

public students() {

// TODO Auto-generated constructor stub

}

@Override

public String toString() {

return "Learner [learnerId=" + name + ", learnerName=" + s\_id + ",

learnerDomain=" + s\_course+",courseid="+c\_id

+ "]";

}

public students(String name,int s\_id, String s\_course,int c\_id) {

this.name = name;

this.s\_id=s\_id;

this.s\_course=s\_course;

this.c\_id=c\_id;

// this.learnerDomain = learnerDomain;

}

}

**ADDING OF DATA**

package com.ecommerce.util;

import java.util.List;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.cfg.Configuration;

public class App

{

public static void main( String[] args )

{

// Get the SessionFactory

SessionFactory factory = new Configuration()

.configure("hibernate.cfg.xml")

.addAnnotatedClass(students.class)

.buildSessionFactory();

// Get the Session

Session theSession = factory.getCurrentSession();

try {

// Add a new learner

students theLearner = new students("m.anil",109,"devops",1105);

// Start the transaction

theSession.beginTransaction();

// Save the learner

theSession.save(theLearner);

// Commit the transaction

theSession.getTransaction().commit();

System.out.println("new students sucessfully inserted ");

System.out.println("Learner id : " + theLearner.name);

// Learner learner = theSession.get(Learner.class, 2);

//

// System.out.println("Learner details by id : " + learner);

}finally {

factory.close();

}

}

}

**WEB.XML**

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

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"* id=*"WebApp\_ID"* version=*"4.0"*>

<display-name>Adding\_a\_New\_Project</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.jsp</welcome-file>

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

</web-app>

**POM.XML**

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>MPhasis\_Feb\_Jsp\_Hibernate</groupId>

<artifactId>MPhasis\_Feb\_Jsp\_Hibernate</artifactId>

<version>0.0.1-SNAPSHOT</version>

<packaging>war</packaging>

<dependencies>

<!-- https://mvnrepository.com/artifact/javax.servlet/javax.servlet-api -->

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>javax.servlet-api</artifactId>

<version>4.0.1</version>

<scope>provided</scope>

</dependency>

<!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.28</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.hibernate/hibernate-core -->

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-core</artifactId>

<version>5.6.5.Final</version>

</dependency>

<!-- https://mvnrepository.com/artifact/jstl/jstl -->

<dependency>

<groupId>jstl</groupId>

<artifactId>jstl</artifactId>

<version>1.2</version>

</dependency>

</dependencies>

<build>

<sourceDirectory>src</sourceDirectory>

<plugins>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.0</version>

<configuration>

<source>1.8</source>

<target>1.8</target>

</configuration>

</plugin>

<plugin>

<artifactId>maven-war-plugin</artifactId>

<version>3.2.1</version>

<configuration>

<warSourceDirectory>WebContent</warSourceDirectory>

</configuration>

</plugin>

</plugins>

</build>

</project>