phase2 program🡪maven project

Eproduct.java

**package** com.bean;

**public** **class** Eproduct {

**private** **int** id;

**private** String name;

**private** **float** price;

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**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;

}

@Override

**public** String toString() {

**return** "Eproduct [id=" + id + ", name=" + name + ", price=" + price + "]";

}

}

EproductDao.java

package com.dao;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.ArrayList;

import java.util.List;

import com.bean.Eproduct;

public class EproductDao {

public int storeEproduct(Eproduct ep) {

try {

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/javatraining", "root", "Prateek#1974");

PreparedStatement pstmt = con.prepareStatement("insert into Eproduct values(?,?,?)");

pstmt.setInt(1, ep.getId());

pstmt.setString(2, ep.getName());

pstmt.setFloat(3, ep.getPrice());

int res = pstmt.executeUpdate();

return res;

} catch (Exception e) {

System.out.println(e);

return 0;

}

}

public List<Eproduct> getAllEproduct() {

List<Eproduct> listOfEp =new ArrayList<Eproduct>();

try {

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/javatraining", "root", "Prateek#1974");

PreparedStatement pstmt = con.prepareStatement("select \* from Eproduct");

ResultSet rs = pstmt.executeQuery();

while(rs.next()) {

Eproduct emp = new Eproduct();

emp.setId(rs.getInt(1));

emp.setName(rs.getString(2));

emp.setPrice(rs.getFloat(3));

listOfEp.add(emp);

}

} catch (Exception e) {

}

return listOfEp;

}

}

EproductTest.java

package com.main;

import com.bean.Eproduct;

import com.service.EproductService;

public class EproductTest {

public static void main(String args[])

{

Eproduct ep1 = new Eproduct();

ep1.setId(1);

ep1.setName("mi tv");

ep1.setPrice(12000);

ep1.setId(2);

ep1.setName("mi phone");

ep1.setPrice(11000);

EproductService esp = new EproductService();

String r = esp.storeEproduct(ep1);

System.out.println(r);

}

}

EproductService

package com.service;

import java.util.Iterator;

import java.util.List;

import com.bean.Eproduct;

import com.dao.EproductDao;

public class EproductService

{

EproductDao ed = new EproductDao();

public String storeEproduct(Eproduct ep)

{

if(ep.getPrice()<10000)

{

return "Eproduct price must be > 10000";

}

else if(ed.storeEproduct(ep)>0)

{

return "Record inserted successfully";

}

else

{

return "Record didn't insert";

}

}

public List<Eproduct> getAllEproduct()

{

List<Eproduct> listOfEp = ed.getAllEproduct();

Iterator<Eproduct> li = listOfEp.iterator();

while(li.hasNext())

{

Eproduct emp = li.next();

emp.setPrice(emp.getPrice());

}

return listOfEp;

}

}

Hibernate.cfg.xml

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

<!DOCTYPE hibernate-configuration PUBLIC

"-//Hibernate/Hibernate Configuration DTD 3.0//EN"

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

<hibernate-configuration>

<session-factory>

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

<property name=*"hibernate.connection.password"*>sonu#1974</property>

<property name=*"hibernate.connection.url"*>jdbc:mysql://localhost:3307/javatraing/Eproduct</property>

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

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

</session-factory>

</hibernate-configuration>