JPQL Ex

Employee.java

package employeecrud;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="employeejpql")

public class Employee {

@Id

private int empId;

@Column(length=15)

private String empName;

private int empSal;

@Column(length=15)

private String empAdd;

public int getEmpId() {

return empId;

}

public void setEmpId(int empId) {

this.empId = empId;

}

public String getEmpName() {

return empName;

}

public void setEmpName(String empName) {

this.empName = empName;

}

public int getEmpSal() {

return empSal;

}

public void setEmpSal(int empSal) {

this.empSal = empSal;

}

public String getEmpAdd() {

return empAdd;

}

public void setEmpAdd(String empAdd) {

this.empAdd = empAdd;

}

public Employee() {

// TODO Auto-generated constructor stub

}

public Employee(int empId, String empName, int empSal, String empAdd) {

super();

this.empId = empId;

this.empName = empName;

this.empSal = empSal;

this.empAdd = empAdd;

}

@Override

public String toString() {

return "Employee [empId=" + empId + ", empName=" + empName + ", empSal=" + empSal + ", empAdd=" + empAdd + "]";

}

}

TEST.java

package employeecrud;

import javax.persistence.EntityManager;

import javax.persistence.EntityManagerFactory;

import javax.persistence.Persistence;

//import javax.persistence.Query;

//import javax.persistence.TypedQuery;

public class Test {

public static void main(String[] args) {

EntityManagerFactory factory=Persistence.createEntityManagerFactory("yak");

EntityManager entity= factory.createEntityManager();

//inserted

Employee e= new Employee(100, "Yakshesh", 10000, "PB");

Employee e1= new Employee(101, "Abhay", 12000, "MP");

Employee e2= new Employee(102, "Monu", 13000, "RAJ");

Employee e3= new Employee(103, "Hello", 14000, "AAA");

//

entity.getTransaction().begin();

entity.persist(e);

entity.persist(e1);

entity.persist(e2);

entity.persist(e3);

entity.getTransaction().commit();

entity.close();

factory.close();

System.out.println("inserted");

}

}

Persistence.xml

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

<persistence xmlns=*"http://java.sun.com/xml/ns/persistence"*

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

xsi:schemaLocation=*"http://java.sun.com/xml/ns/persistence*

*http://java.sun.com/xml/ns/persistence/persistence\_2\_0.xsd"*

version=*"2.0"*>

<persistence-unit name=*"yak"* transaction-type=*"RESOURCE\_LOCAL"*>

<provider>org.hibernate.ejb.HibernatePersistence</provider>

<class>employeecrud.Employee</class>

<properties>

<!-- database properties -->

<property name=*"javax.persistence.jdbc.url"* value=*"jdbc:postgresql://localhost/yakshdb"* />

<property name=*"javax.persistence.jdbc.user"* value=*"postgres"* />

<property name=*"javax.persistence.jdbc.password"* value=*"Yakshesh@08"* />

<property name=*"javax.persistence.jdbc.driver"* value=*"org.postgresql.Driver"* />

<!-- hibernate properties -->

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

<property name=*"hibernate.hbm2ddl.auto"* value=*"create"*/><!-- create/update -->

<property name=*"hibernate.show\_sql"* value=*"true"*/>

</properties>

</persistence-unit>

</persistence>



