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***BSCS-6B***

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***LAB#***

***ADVANCED PROGRAMMING***

***TASK: (MAIN CLASS)***

**package** com.lab9.hibernateTest;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import org.hibernate.boot.MetadataSources;

import org.hibernate.boot.registry.StandardServiceRegistry;

import org.hibernate.boot.registry.StandardServiceRegistryBuilder;

import org.hibernate.cfg.Configuration;

import java.util.Scanner;

public class App {

public static void main(String[] args) {

Configuration cg = new Configuration().configure().addAnnotatedClass(feeslip.class);

SessionFactory fac = cg.buildSessionFactory();

Session sess = fac.openSession();

Scanner input = new Scanner(System.***in***);

int choice;

System.***out***.println("Enter choice \n\t1 --> Create Entry \n\t2 --> Show Entry \n\t3 --> Update Entry \n\t4 --> Delete Entry");

choice = input.nextInt();

if(choice == 1) {

feeslip feeslip0 = new feeslip();

feeslip0.setfname("Muneeb");

feeslip0.setsname("Ishaq");

feeslip0.setregnumber(173362);

feeslip0.setpass("445");

feeslip0.setfeemonth("grt");

feeslip0.setcurrentdate("2118/05/05");

Transaction t = sess.beginTransaction();

sess.save(feeslip0);

t.commit();

} else if(choice == 2) {

int regnumber = 173362;

feeslip feeslip1= sess.get(feeslip.class, regnumber);

System.***out***.println("First Name: " + feeslip1.getfname());

System.***out***.println("Last Name: " + feeslip1.getsname());

System.***out***.println("Password: " + feeslip1.getpass());

System.***out***.println("Fee Month: " + feeslip1.getfeemonth());

System.***out***.println("Current Date: " + feeslip1.getcurrentdate());

} else if(choice == 3) {

feeslip feeslip2 = new feeslip();

feeslip2.setregnumber(173362);

feeslip2.setfname("Muneeb");

feeslip2.setsname("Saddal");

feeslip2.setcurrentdate("2018/05/28");

feeslip2.setfeemonth("may");

feeslip2.setpass("1234");

Transaction t = sess.beginTransaction();

sess.update(feeslip2);

t.commit();

} else if(choice == 4) {

feeslip feeslip3 = new feeslip();

feeslip3.setregnumber(173362);

Transaction t = sess.beginTransaction();

sess.delete(feeslip3);

t.commit();

}

sess.close();

fac.close();

}

}

***TABLE CLASS:***

**package** com.lab9.hibernateTest;

import javax.persistence.\*;

*@Entity*

*@Table*(name = "feeslip")

public class feeslip {

*@Column*

private String fname;

*@Column*

private String sname;

*@Id*

private int regnumber;

*@Column*

private String pass;

*@Column*

private String currentdate;

*@Column*

private String feemonth;

public feeslip() {

}

public String getfname() {

return fname;

}

public void setfname(String fname) {

this.fname = fname;

}

public String getsname() {

return sname;

}

public void setsname(String sname) {

this.sname = sname;

}

public int getregnumber() {

return regnumber;

}

public void setregnumber(int i) {

this.regnumber= i;

}

public String getpass() {

return pass;

}

public void setpass(String pass) {

this.pass = pass;

}

public String getcurrentdate() {

return currentdate;

}

public void setcurrentdate(String string) {

this.currentdate = string;

}

public String getfeemonth() {

return feemonth;

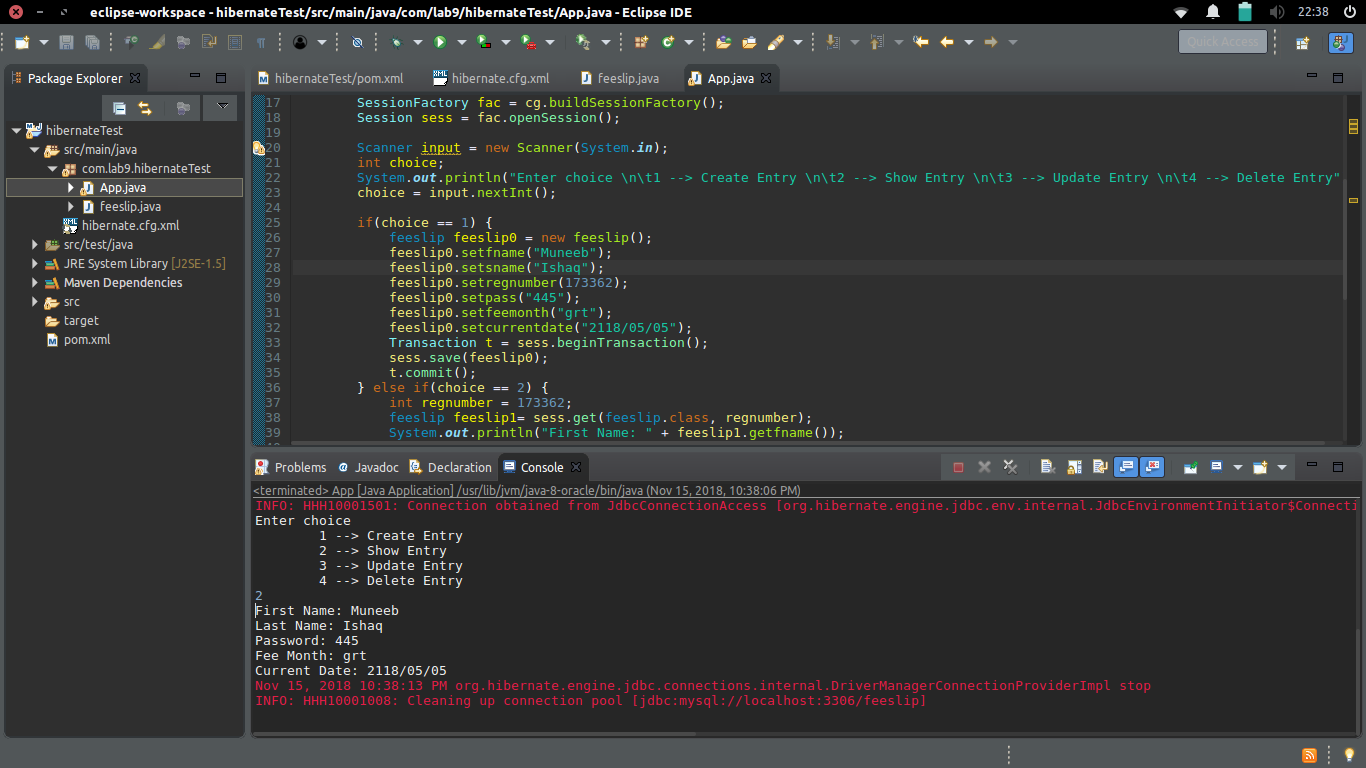
}

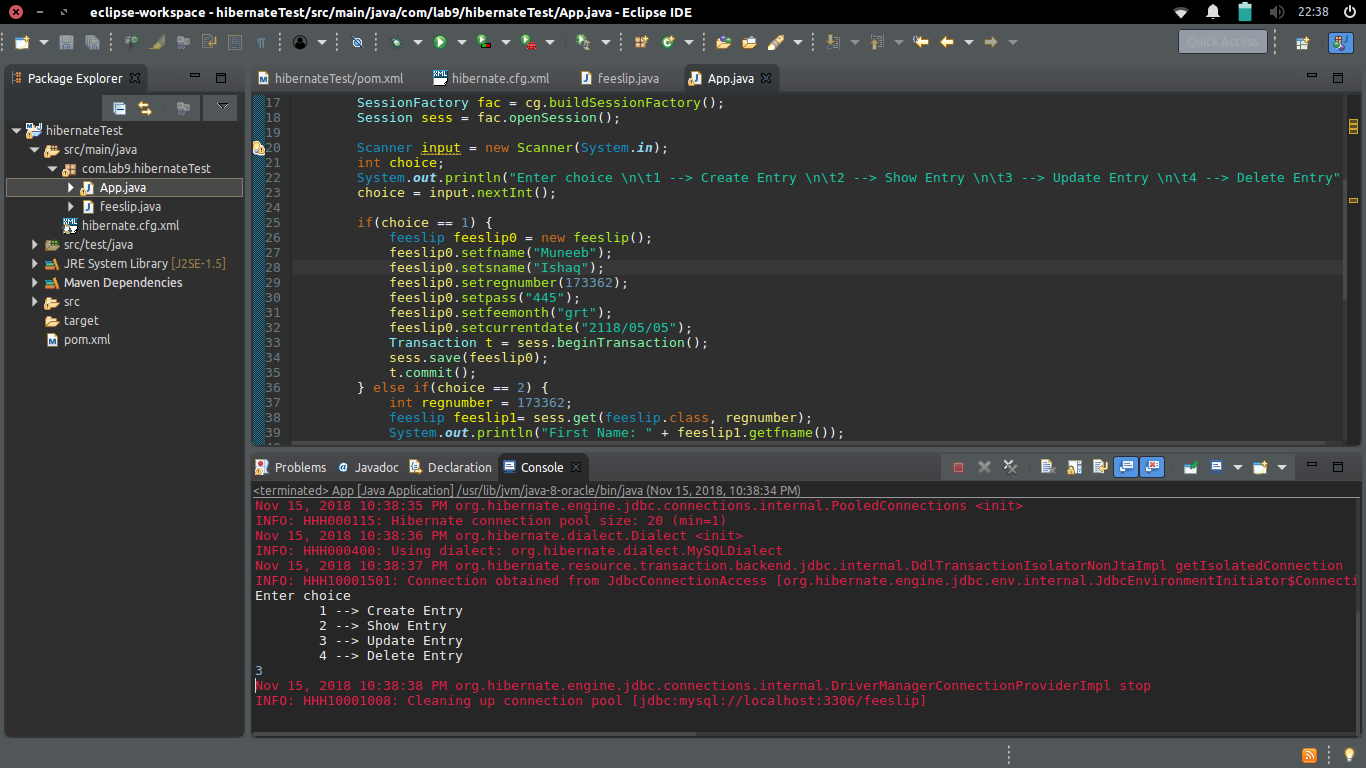
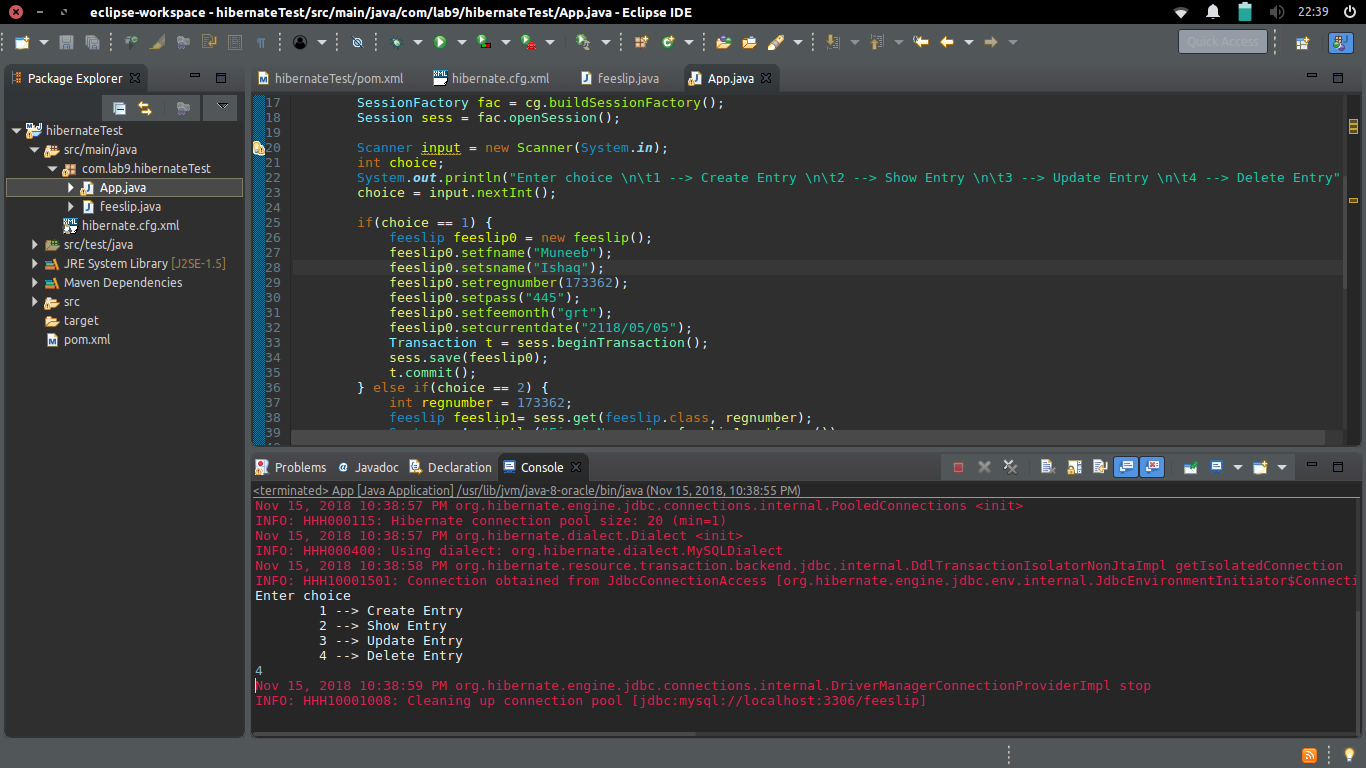
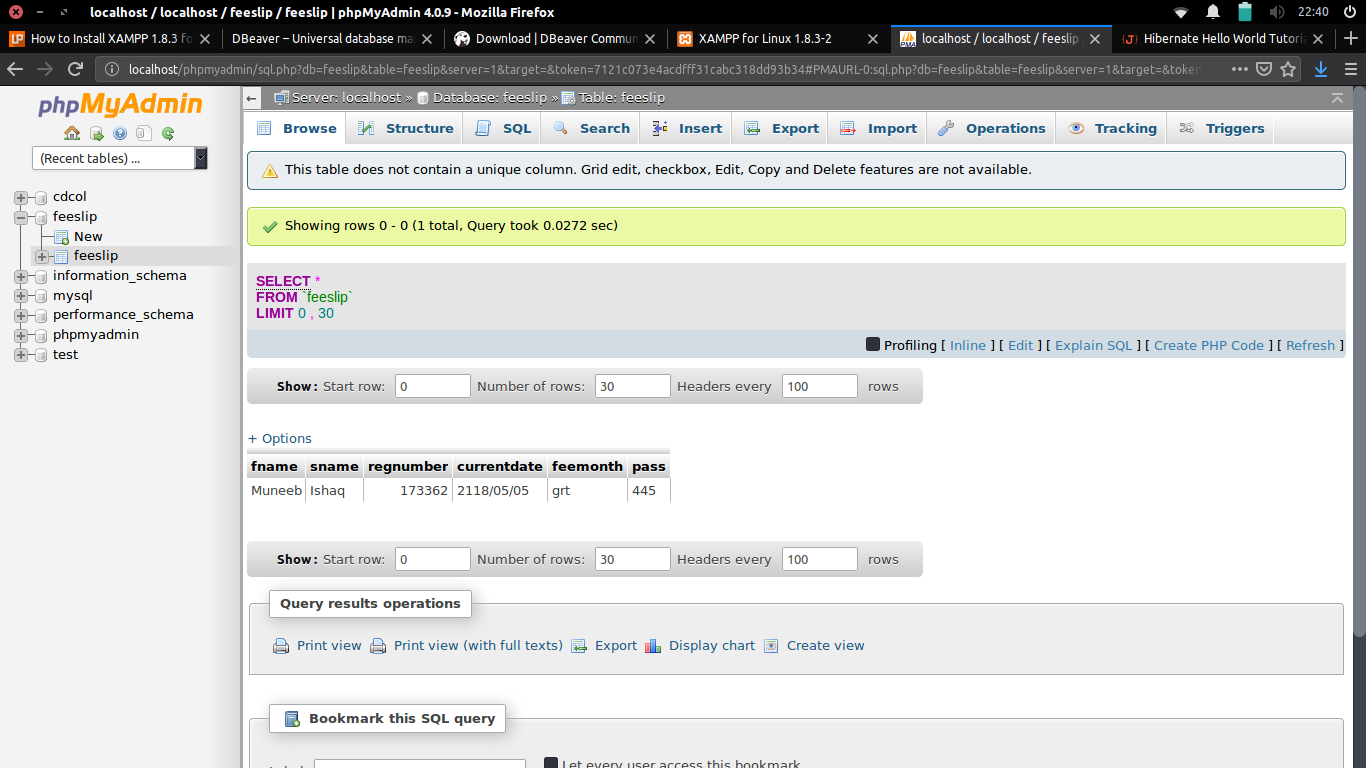
public void setfeemonth(String feemonth) {

this.feemonth= feemonth;

}

}

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