PRACTICAL-11

JSP-2(2):-Write a JSP code to store the data from a form into a database table Using JDBC.

Code:-MovieRegistration.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form method="post" action="StoreMovie.jsp">
        <div>
        <label>Enter Movie Name: </label>
        <input type="text" name="name">
        </div>
        <br><br>
        <div>
        <label>Enter Actor Name: </label>
        <input type="text" name="actor">
        </div>
        <br><br>
        <div>
        <label>Enter Actress Name: </label>
        <input type="text" name="name">
        </div>
        <br><br>
        <div>
        <label>Enter Director Name: </label>
        <input type="text" name="director">
        </div>
```

```
    <br><br>
    <div>
    <label>Enter Release Date: </label>
    <input type="text" name="rDate">
    </div>
    <br><br>
    <div>
    <label>Enter Rate Point: </label>
    <input type="text" name="rPoint">
    </div>
    <br><br>
    <div>
    <input type="submit" value="Add movie">
    </div>
</form>
</body>
</html>
```

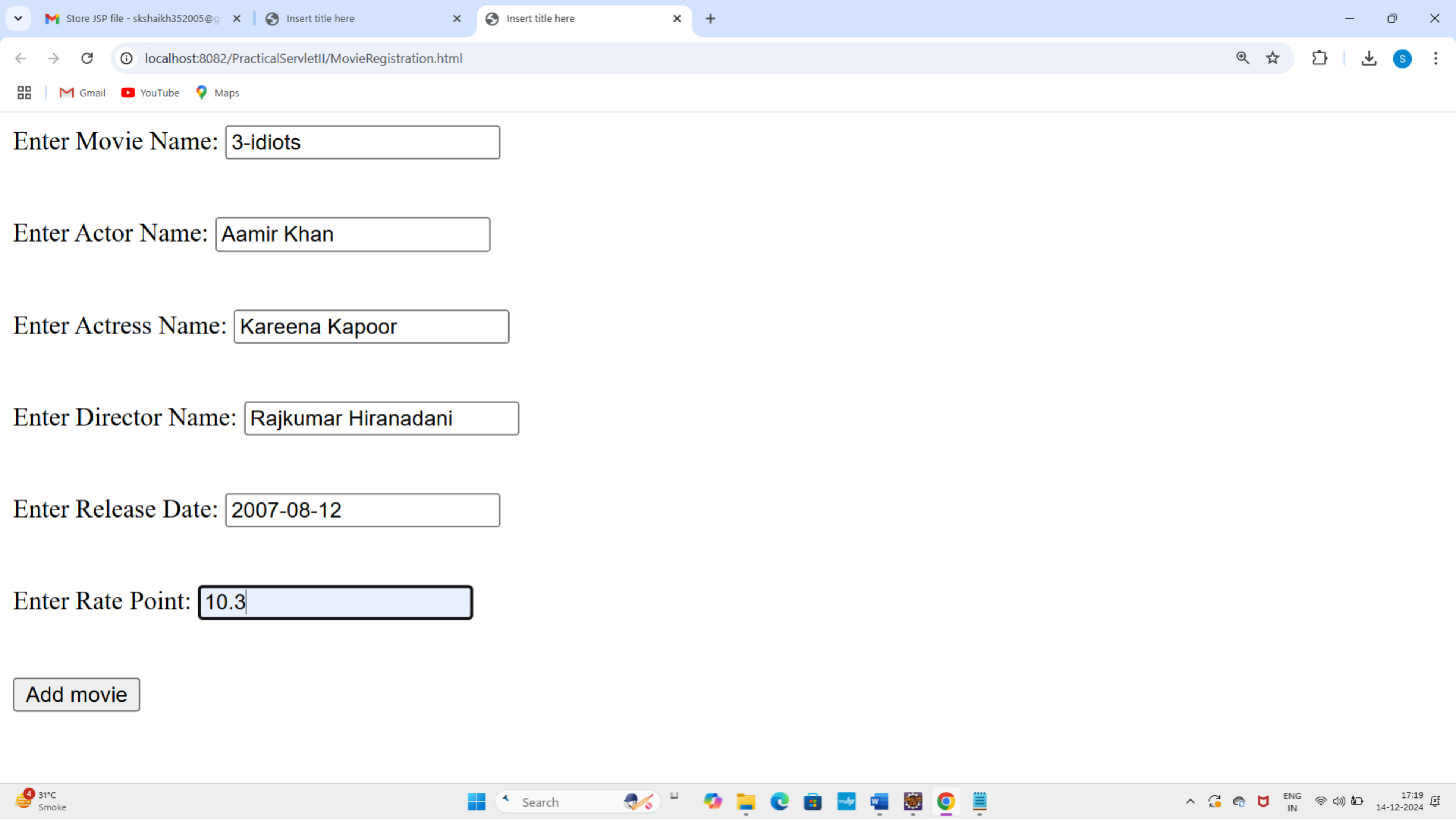
Code:-StoreMovie.jsp

```
<%@ page  language="java"  import="java.sql.*" 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>

<%
```

```
String name=request.getParameter("name");
String actor=request.getParameter("actor");
String actress=request.getParameter("actress");
String director=request.getParameter("director");
String releaseDate=request.getParameter("rDate");
String rPoints=request.getParameter("rPoint");
float ratePoints=Float.parseFloat(rPoints);
try {
Class.forName("com.mysql.cj.jdbc.Driver");
String url="jdbc:mysql://localhost:3306/hindujabca2022";
String username="root";
String password="admin";

Connection con=DriverManager.getConnection(url,username,password);

String query="Insert into
movie(name,actor,actress,director,releaseDate,ratePoints) values "
            + "(?,?,?,?,?,?);";

PreparedStatement pstmt=con.prepareStatement(query);
pstmt.setString(1,name);
pstmt.setString(2,actor);
pstmt.setString(3,actress);
pstmt.setString(4,director);
pstmt.setString(5,releaseDate);
pstmt.setFloat(6, ratePoints);

int rowsInserted=pstmt.executeUpdate();

if(rowsInserted==1) {
      %>
```

```
    <h3>Record Inserted Successfully</h3>


    <%
}



}
catch (Exception e) {
    // TODO: handle exception
    e.printStackTrace();
}


%>


</body>
</html>
```

OUTPUT


Store JSP file - skshaikh352005@g
Insert title here
Insert title here
localhost:8082/PracticalServletII/MovieRegistration.html
Gmail
YouTube
Maps
31°C
Smoke
Search
ENG
IN
17:19
14-12-2024

Enter Movie Name: 3-idiots

Enter Actor Name: Aamir Khan

Enter Actress Name: Kareena Kapoor

Enter Director Name: Rajkumar Hiranadani

Enter Release Date: 2007-08-12

Enter Rate Point: 10.3

Add movie

PRACTICAL-11

Spring2(1):-Write a spring API to store value in backend table using Hibernate Template.

Code:-EmployeeDao.java

```
package com.Springorm1.dao;

import org.springframework.orm.hibernate5.HibernateTemplate;
import org.springframework.transaction.annotation.Transactional;

import com.Springorm1.entities.Employee;

public class EmployeeDao {
    private HibernateTemplate ht;
    @Transactional
    public int insert(Employee emp) {
        Integer i=(Integer)this.ht.save(emp);
        return i;
    }
    public HibernateTemplate getHt() {
        return ht;
    }
    public void setHt(HibernateTemplate ht) {
        this.ht = ht;
    }
}
```

Code:-Employee.java

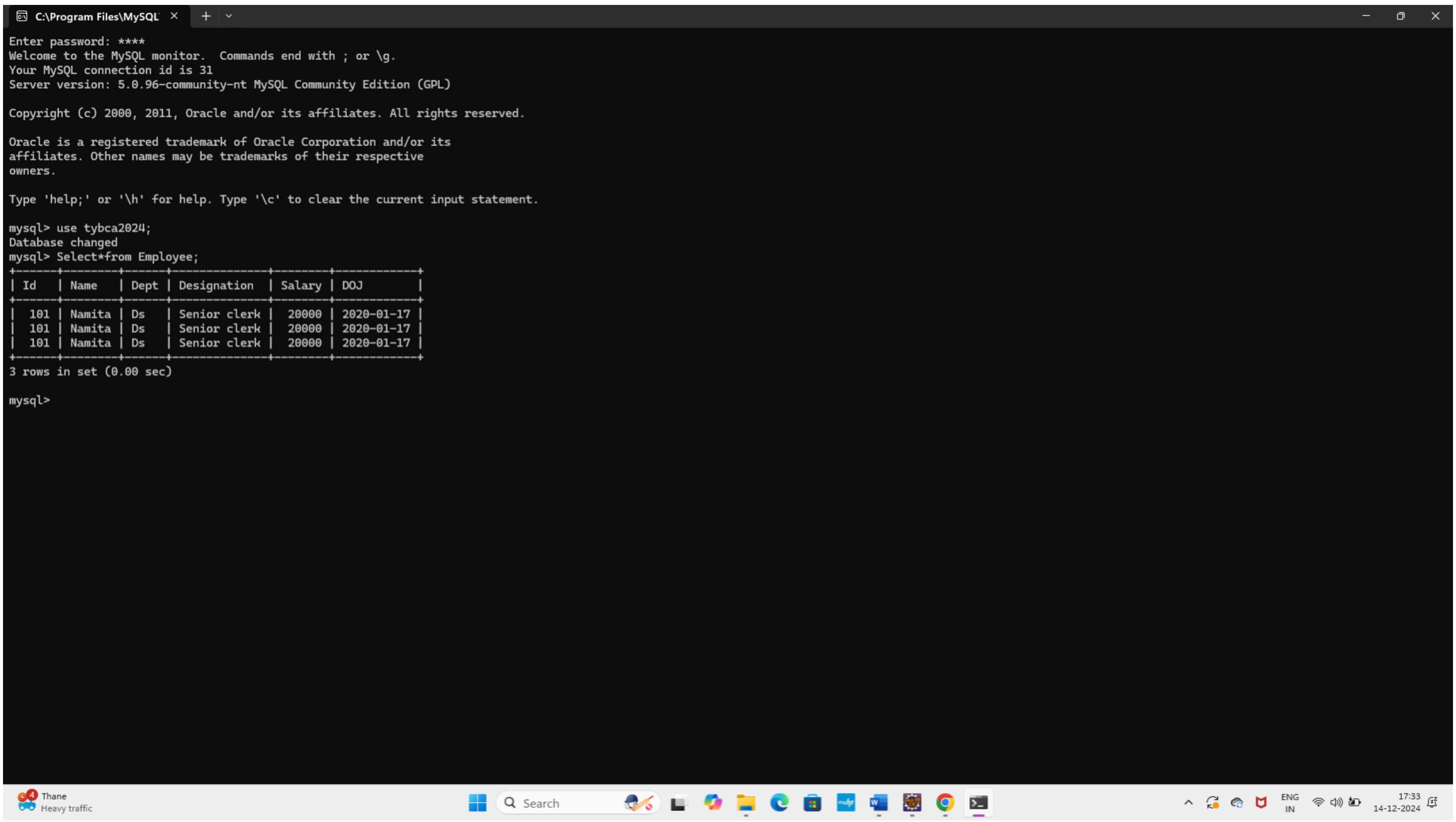
```
package com.Springorm1.entities;

import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.Id;
import javax.persistence.Table;


@Entity
@Table(name="Employee")
public class Employee {
    @Id
    @Column(name="Id")
    private int empid;
```

```
@Column(name="Name")
private	String name;
@Column(name="Dept")
private String dept;
@Column(name="Designation")
private String designation;
@Column(name="Salary")
private float salary;
@Column(name="DOJ")
private String doj;

public Employee(int empid, String name, String dept, String designation, float salary, String doj) {
	super();
	this.empid = empid;
	this.name = name;
	this.dept = dept;
	this.designation = designation;
	this.salary = salary;
	this.doj = doj;
}

public Employee() {
	super();
	// TODO Auto-generated constructor stub
}

public int getEmpid() {
	return empid;
}

public void setEmpid(int empid) {
	this.empid = empid;
}

public String getName() {
	return name;
}

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

    public String getDept() {
        return dept;
    }

    public void setDept(String dept) {
        this.dept = dept;
    }

    public String getDesignation() {
        return designation;
    }

    public void setDesignation(String designation) {
        this.designation = designation;
    }

    public float getSalary() {
        return salary;
    }

    public void setSalary(float salary) {
        this.salary = salary;
    }

    public String getDoj() {
        return doj;
    }

    public void setDoj(String doj) {
        this.doj = doj;
    }
}
```

Code:-App.java

```
package com.Springorm1;
import org.springframework.context.ApplicationContext;
import org.springframework.context.support.ClassPathXmlApplicationContext;
import com.Springorm1.dao.EmployeeDao;

import com.Springorm1.entities.Employee;


/**

 * Hello world!

 *

 */

public class App

{

   public static void main( String[] args )

   {

        ApplicationContext ac=new ClassPathXmlApplicationContext("Config.xml");

        EmployeeDao ed=ac.getBean("employeeDao", EmployeeDao.class);

        Employee e1=new Employee(101,"Namita","Ds","Senior clerk",20000,"2020-01-17");

        int res=ed.insert(e1);

        System.out.println("Done insertion"+res);

   }

}
```

OUTPUT



```
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 31
Server version: 5.0.96-community-nt MySQL Community Edition (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use tybca2024;
Database changed
mysql> Select*from Employee;
+------+--------+------+--------------+--------+------------+
| Id   | Name   | Dept | Designation  | Salary | DOJ        |
+------+--------+------+--------------+--------+------------+
|  101 | Namita | Ds   | Senior clerk |  20000 | 2020-01-17 |
|  101 | Namita | Ds   | Senior clerk |  20000 | 2020-01-17 |
|  101 | Namita | Ds   | Senior clerk |  20000 | 2020-01-17 |
+------+--------+------+--------------+--------+------------+
3 rows in set (0.00 sec)

mysql>
```