**POJO Class: Student.java**

package com.hib.domain;

import java.io.Serializable;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.Id;

import javax.persistence.NamedNativeQueries;

import javax.persistence.NamedNativeQuery;

import javax.persistence.Table;

@Entity

@Table(name="stu")

public class Student implements Serializable{

@Id

@Column(name="sid")

private int sid;

@Column(name="sname")

private String sname;

@Column(name="salary")

private float marks;

public int getSid() {

return sid;

}

public void setSid(int sid) {

this.sid = sid;

}

public String getSname() {

return sname;

}

public void setSname(String sname) {

this.sname = sname;

}

public float getMarks() {

return marks;

}

public void setMarks(float marks) {

this.marks = marks;

}

}

**Hibernate Configuration File:**

<?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"*>oracle.jdbc.OracleDriver</property>

<property name=*"hibernate.connection.url"*>jdbc:oracle:thin:@localhost:1521:xe</property>

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

<property name=*"hibernate.connection.password"*>tiger</property>

<property name=*"hibernate.dialect"*>org.hibernate.dialect.Oracle10gDialect</property>

<mapping class=*"com.hib.domain.Student"*/>

</session-factory>

</hibernate-configuration>

ClientApplication:Test.java

package com.hib.domain;

import java.sql.SQLException;

import java.util.List;

import org.hibernate.Criteria;

import org.hibernate.SessionFactory;

import org.hibernate.cfg.Configuration;

import org.hibernate.classic.Session;

import org.hibernate.criterion.Criterion;

import org.hibernate.criterion.Projection;

import org.hibernate.criterion.ProjectionList;

import org.hibernate.criterion.Projections;

import org.hibernate.criterion.Restrictions;

public class Test {

public static void main(String[] args)throws SQLException {

try {

Configuration cfg=new Configuration();

cfg.configure("com/hib/domain/hibernate.cfg.xml");

SessionFactory sf=cfg.buildSessionFactory();

Session s=sf.openSession();

Criteria ab=s.createCriteria(Student.class);

Projection p1=Projections.property("sid");

Projection p2=Projections.property("sname");

Projection p3=Projections.property("marks");

ProjectionList pl=Projections.projectionList();

pl.add(p1);

pl.add(p2);

pl.add(p3);

ab.setProjection(pl);

Criterion c1=Restrictions.gt("marks",300f);

ab.add(c1);

System.out.println("sid\tsname\tmarks");

System.out.println("=======================");

List<Object[]>li=ab.list();

for(Object [] ax:li) {

for(Object ay:ax) {

System.out.print(ay+"\t");

}

System.out.println();

}

}

catch(Exception e) {

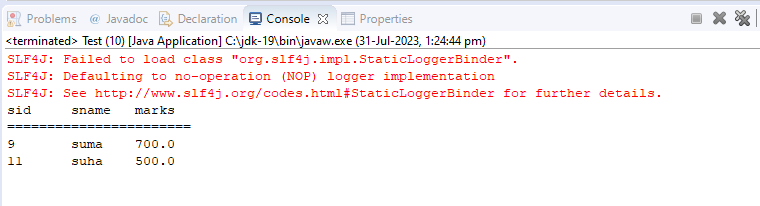
e.printStackTrace();

}

}

}

**Output:-**

****