/\*  
 \* To change this license header, choose License Headers in Project Properties.  
 \* To change this template file, choose Tools | Templates  
 \* and open the template in the editor.  
 \*/  
package com.ram.operations;  
  
import com.ram.bean.Student;  
import com.ram.utility.HibernateUtil;  
import org.hibernate.Criteria;  
import org.hibernate.Query;  
import org.hibernate.Session;  
import org.hibernate.SessionFactory;  
import org.hibernate.criterion.Restrictions;  
  
/\*\*  
 \*  
 \* @author Admin  
 \*/  
public class CountNumberofStudent {  
    public static void main(String[] args) {  
        SessionFactory sf=HibernateUtil.getSessionFactory();  
        Session session=sf.openSession();  
        //1. count Number of Students in the table  
//        Query q=session.createQuery("SELECT  COUNT(sid) From Student");  
//        Long counts=(Long) q.uniqueResult();  
//        System.out.println("Count Number of Student : "+counts);  
//        session.close();  
//          
//        //2. Calculate sum of total marks in the student table  
//          Query q=session.createQuery("SELECT  sum(total) From Student");  
//        Long counts=(Long) q.uniqueResult();  
//        System.out.println("Sum of Total Marks  : "+counts);  
//        session.close();  
//          
    //2. Calculate Average  marks of physics in the student table  
          Query q=session.createQuery("SELECT  avg(p) From Student");  
       Double counts=(Double) q.uniqueResult();  
        System.out.println("Avergae Marks of Physics : "+counts);  
        session.close();  
         
        sf.close();  
    }  
   
}