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package com.jiang.ThreeTierSample.servlet;

import com.jiang.ThreeTierSample.entity.Page;
import com.jiang.ThreeTierSample.entity.Student;
import com.jiang.ThreeTierSample.service.IStudentService;
import com.jiang.ThreeTierSample.service.impl.StudentServiceImpl;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.IOException;
import java.util.List;

public class QueryStudentsByPageServlet extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        doGet(request, response);
    }

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        IStudentService service=new StudentServiceImpl();
        Page page=new Page();

        int currentPage=0;
        currentPage=Integer.parseInt(request.getParameter("currentPage"));
        page.setCurrentPage(currentPage);
        int pageSize=3;
        if(currentPage<=0){
            currentPage=1;
        }

        List<Student> students=service.queryStudentsByPage(currentPage,pageSize);
        System.out.println(students.size());
        page.setTotalCount(service.getTotalCount());
        page.setPageSize(pageSize);
        if(currentPage>=page.getTotalPage()) {
            currentPage=page.getTotalPage();
        }

        page.setStudents(students);
    }
}
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        request.setAttribute("page",page);  
        request.getRequestDispatcher("/ThreeTierSample/index.jsp").forward(request,response);  
  
    }  
}
```