

PRACTICE : INT 303 Web Programming

Are you remember SitSpace ? Director of SitSpace want to change from stand alone program to web program. This Web is called “SitSpaceManagement”. This web site are used by teacher in this school. They want to management students data and calculate grade of each student. (Not use Database) You have 2 hour to do this practice. Good Luck !

Requirement :

- Can add student data (ID, Name, Score) into AllStudent
After add data, It will calculate grade A (≥ 80) , B (≥ 70), C (≥ 60), D (≥ 50), F (< 50)
- Can remove student by search ID
- Can show result table of all student : ID, Name, Score, Grade
- If student is already in AllStudent, it can't add/remove.

Page in SitSpaceManagement

localhost:8080/SitSpace/AddRemoveStudent

SitSpaceManagement

PAGE : [ADD/REMOVE Student](#) | [All Data](#)

Add Student Data

ID: Name:

Score:

Remove Student

ID:

Add Successful

localhost:8080/SitSpace/AllData

SitSpaceManagement

PAGE : [ADD/REMOVE Student](#) | [Show All Data](#)

All Data

| ID | Name | Score | Grade |
|-----|--------|-------|-------|
| 601 | Mr.Ant | 95 | A |
| 602 | Mr.Bat | 45 | F |
| 603 | Mr.Cat | 79 | B |

You need to write:

- AddRemoveStudent.jsp (Have 2 function in this page and show message)
- AllData.jsp (To display All Student Data in Table)
- AddServlet (For add Student into AllStudent)
- RemoveServlet (For remove Student into AllStudent)
- Student.java (Model)
- AllStudent.java (For doing add/remove student **Nearly Cart.java)

** index.html is necessary to write because it can't measure anything.

AddRemoveStudent.jsp (EXAMPLE)

```
<!DOCTYPE html>
<html>
  <head>
    <title>AddRemoveStudent</title>
  </head>
  <body>
    CODE HERE
  </body>
</html>
```

AddServlet.java (EXAMPLE)

```
public class AddServlet extends HttpServlet {
  protected void processRequest(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    CODE HERE
  }
  

HttpServlet methods. Click on the + sign on the left to edit the code.


}
```

AllStudent.java (EXAMPLE)

```
public class AllStudent {
  CODE HERE
}
```