

## Progress Test 01

Create a web application named Test1\_YourMemberCode (YourMemberCode must be replaced by your name concatenated with your roll number (e.g. ChiLMHE170250)).

1. Create a jsp file named **YourMemberCode\_Test1.jsp**. ((YourMemberCode must be replaced by your name concatenated with your roll number (e.g. ChiLMHE170250)))

### TEST 1

*Enter two positive floats:*

n1 =

n2 =

**Operators:**

☐ Min

☐ Max

☐ Sum

☐ Avg

#### 2. Requirement:

- a. When we click the **RESET** button, the value of the 2 textboxes, the checkboxes and the text area are set to empty.
- b. When we click the “>>” button:
  - If the input n1 is not a positive float, the value of the textbox corresponding to n1 and the text area are set to empty and show the error message as follows:

### TEST 1

*Enter two positive floats:*

n1 =

n2 =

**Operators:**

☒ Min

☐ Max

☐ Sum

☐ Avg

***n1 must be a positive float.***

- Vice versa, if the input n2 is not a positive float, the value of the textbox corresponding to n2 and the text area are set to empty and show the corresponding error message “n2 must be a positive float”.
- If the input of both n1 and n2 are not positive floats, the values of the two textboxes corresponding to n1 and n2 and the text area are set to empty and show the corresponding error message:

## TEST 1

Enter two positive floats:

n1 =  >>

n2 =

Operators:

☒ Min

☐ Max

☐ Sum

☐ Avg

*n1 must be a positive float.*  
*n2 must be a positive float.*

- Note that if none of the operators is chosen, there should be also the error message, for example:

## TEST 1

Enter two positive floats:

n1 =  >>

n2 =

Operators:

☐ Min

☐ Max

☐ Sum

☐ Avg

*n1 must be a positive float.*  
*At least one operator must be chosen.*

- If n1 and n2 are positive float numbers, and some operators are chosen, display the result in the text area as follows:

## TEST 1

Enter two positive floats:

n1 =  >>

n2 =

Operators:

☒ Min

☒ Max

☐ Sum

☒ Avg

Min = 10.0  
Max = 12.0  
Avg = 11.0

- c. When we click “Show in Servlet” button, performs as required but shows the result in a servlet with the url `/YourMemberCode_test1` (YourMemberCode must be replaced by your name concatenated with your roll number (e.g. ChiLMHE170250)):

n1 = 12.0  
n2 = 10.0  
Min = 10.0  
Max = 12.0  
Avg = 11.0