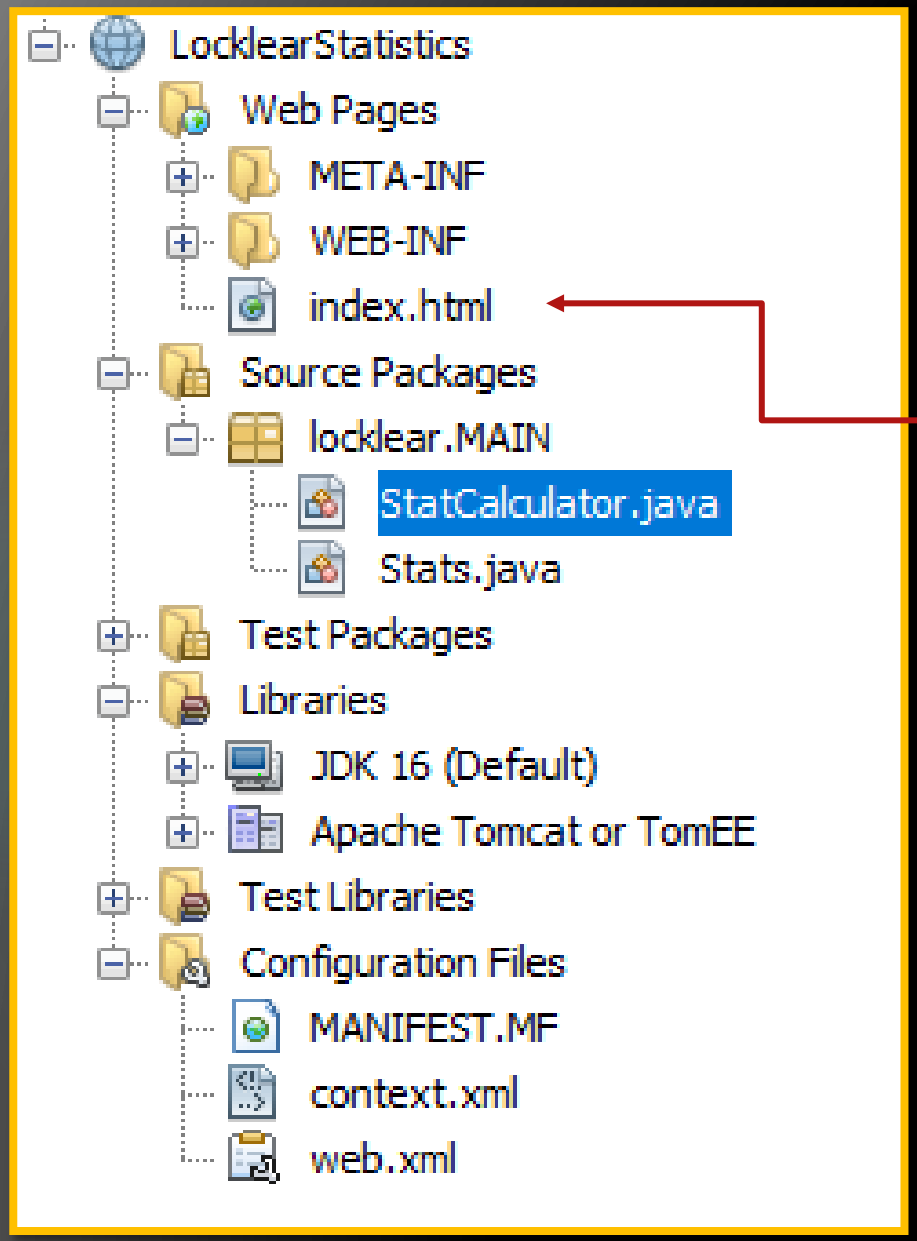
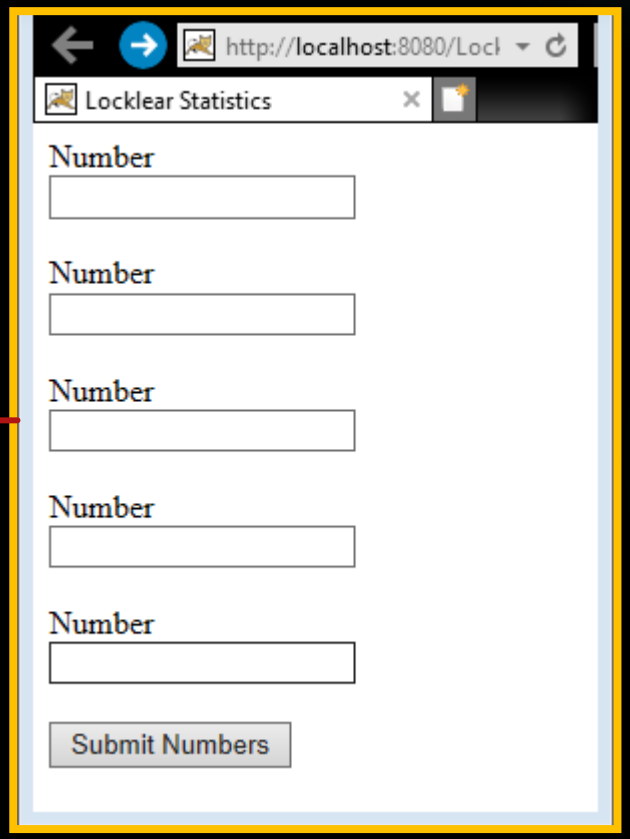
Program Structure





StatCalculator Model

- A **StatCalculator is a statistical information construct.**

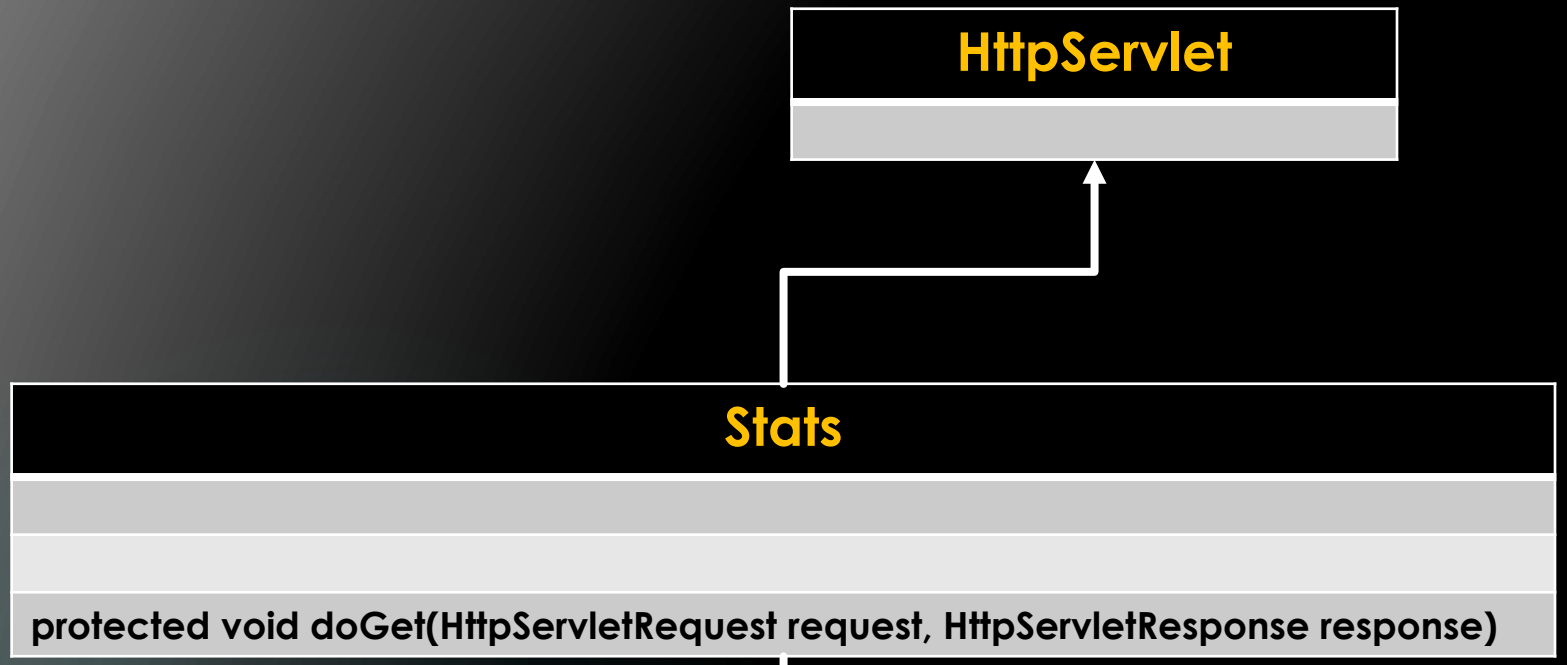
StatCalculator
-int[ ] values
StatCalculator(int[ ] values)
+min(): int +max(): int +sum(): int +avg(): double +showStats(): String

StatCalculator Model

- A **StatCalculator is a statistical information construct and has the following behavior.**

StatCalculator (Method Specifications)
min()…returns the minimum values from the values array
max()…returns the maximum values from the values array
avg()…returns the mean of the values in the values array
sum()…returns the sum of the values in the values array
showStats()…returns a String representation of the statistical values in the values array as shown on Slide 7

Stats Servlet

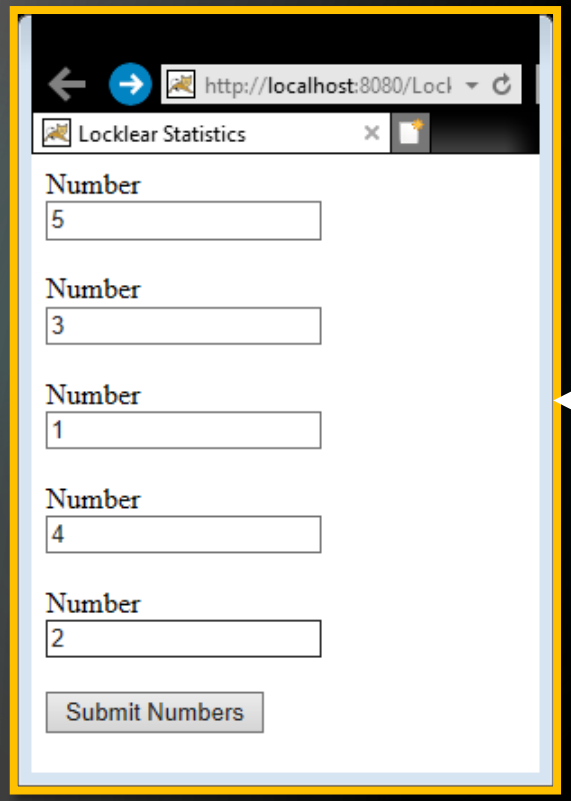


The doGet method creates the specified StatCalculator object and calls it showStats method.

Object Creation

- Create the following StatCalculator object within the Stats servlet by submitting the form on the index.html page .

Identifier	Value 1	Value 2	Value 3	Value 4	Value 5
S	5	3	1	4	2



Application Webpage Output