

**Week 07: Basic Web-based Calculator with Servlets****Challenge 01: HTML Form Revisited (30 mins)**

Remember our first HTML program Login Screen?

For this challenge, we will change the code to simple form for adding two number. In order to do that, you have to change your HTML code:

TODO#1 – Make a text box to enter first number, and

TODO#2 – Make a text box to enter second number

TODO#3 – Make a submit button to submit form

Challenge 02: AddServlet (45 mins)

When user submit two numbers, form will be submitted to 'AddServlet' servlet. In order to do that, you have to create a new Servlet.

To complete the task, you have to:

TODO#1 Create a new Servlet.

TODO#2 In doGet method, read two incoming parameters in two variables. Hint:

TODO#3 Add two numbers.

TODO#4 Send back results of TODO#3 back to the client. Hint: use response.getWriter()

Challenge 03: Draw flow-diagram of your Web App (15 mins)

Draw boxes with Filenames and arrows between them showing communication. Or any other way to show an architecture of your Web App.

(Optional) Share your picture with me (Discord direct message or email me). You can draw on a paper and take picture of it