FULLSTACK

HOMEWORK WEEK 1
(handout for students)

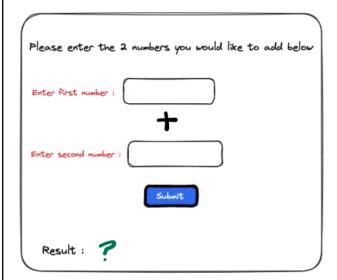| **Task description** |
| --- |
| Create a Sum calculator website that's accessible via a localhost link |

Part 1 – 60 MARKS
Your website should: ● Contain an Index page with linked CSS and JS files. ● Take both inputs and calculate the sum of the two numbers using JavaScript. ● Populate the result back to the index.html for the user to see, using JavaScript. ● Make sure to restrict a user to enter only numeric values. Here is an example of how your homepage(index.html) could look. Feel free to create and design your website anyway you would like, this is just a reference.

Part 2 – 20 MARKS
You should be able to view your website when you visit your localhost link by spinning up a mini server using Express and Node.

Next, expose your website publicly to the world via localtunnel library.

Remember to screenshot your index page with proof of your generated url on your browser

Note: Take a look at Lesson 3's (part 4) slide material to remind yourself on how to make your website available.

Part 3 – 20 MARKS

Submission format:
- Create a repository on GitHub for homework1
- Add your files to the repository
- Include screenshots of your application in a document and a screen-recorded demo of your website to the repo, so that your instructor can see visibly what you've done.
- Invite your assigned instructor as a collaborator and share the GitHub repo link with them via slack messages.

Hints
- *Create a GitHub repository for your individual mobile app (if you already have, then feel free to skip this step / already mark this as complete)*
- *When making changes to your project (e.g., when following the other tasks), make them with good commits!*
- *Create a branch, specifically on a new isolated feature or something you'd like to add, and make commits into it*
- *Push this branch upwards to remote, and create a new Pull Request with it. Make sure to write a good Pull Request, one that's descriptive! Think what external users may need to understand and know when reading your PR*
- *Merge this PR!*