



Front End Web Development Hackathon: Coding Resources & Tips

Code Validation:

W3 Schools HTML Validator: <https://validator.w3.org/>

Jigsaw CSS Validator: <https://jigsaw.w3.org/css-validator/>

WCAG Contrast Checker:

<https://chrome.google.com/webstore/detail/wcag-color-contrast-check/plnahcmalebfmoghpcmpaciebdhgdf>

README

Markdown <https://www.markdownguide.org/cheat-sheet/>

Am I responsive image generator: <https://ui.dev/amiresponsive>

https://www.tablesgenerator.com/markdown_tables

[A template for the README.md file for Code Institute student projects](#)

Debugging

Diffchecker: <https://www.diffchecker.com/text-compare/>

Problems tab in terminal

Wireframes: <https://www.youtube.com/watch?v=E5Z1QOly72E> (Tutorial video)

Download Wireframes for Desktop and apply the license key via the 'help' menu

Download: <https://balsamiq.com/wireframes/desktop/>

2024 License Key:

DiplomainSoftwareDevelopment2023|qzFbeJxzCncxiQ+pccksyMnPTVTIzFMlzk8r
KU8sSIVwSS1LzckvyE3NK1EwMjAyrjE0NzY2sDA2MgABADiuEfo=

Flexbox & Media Queries

<https://flexboxfroggy.com/>

<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

<https://www.youtube.com/watch?v=Xiq7NsIE6DI>

Images:

Image compressor/converter: <https://tinypng.com/>

Royalty free images: <https://www.pexels.com/>

Favicon Generator: <https://favicon.io/>

IDE:

Use the GitPod Template to Create The Upstream Repository

GitPod Template <https://github.com/Code-Institute-Org/gitpod-full-template>

Fork the Upstream Project Repository and work on your coding contributions there.

Make Frequent commits to build a good commit history after you add code or edit your project.

In the TERMINAL window type:

```
git add . (to stage the code)
```

```
git commit -m "a descriptive message less than 50 chars"
```

```
git push
```

This pushes to your forked repo

Create a Pull request via GitHub to merge your forked code to the upstream repository.

Whenever we work on our local workspace we always need to make sure we have the latest version of the upstream codebase. We can pull the latest version to our workspace using the terminal commands:

```
git pull upstream main (Make sure you do this before you start working on code)
```

Common errors in front end, collaborative projects

- Insufficient Git Commits! Commit after every significant change!
- Poor Responsivity
- Poor communication. Talk to your team, separate concerns and resolve conflicts amicably
- Plagiarism! Projects should be sufficiently different from Love Running. Credit any code copied from and inspired by other sources.
- Outcomes not followed. Make sure you understand the assignment.

<https://www.insider.com/celebrities-who-talked-about-having-imposter-syndrome-2023-4>

<https://www.entrepreneur.com/leadership/12-leaders-entrepreneurs-and-celebrities-who-have/304273>