Publish to GitHub

Install git on your computer

- Follow the instructions: https://git-scm.com/book/en/v2/Getting-Started-Installing-Git
- Check that you can use `git`. Open a terminal, and type the command `git help`. You should see the help page for the git program.

Create a repository and commit your files

- Make sure you create a GitHub account if you don't already have one.
- Create a new repository. Make sure to give a meaningful name (for example: `bcit-portfolio`).
- Make sure your current folder in the terminal is the folder where you have all your files.
- Follow the instructions to synchronize your local files to the remote repository. It should look something like this:
    - `git init`: initializes a local repository
    - `git add mypage.html`: adds the `mypage.html` file to the git repository
    - `git commit -m "my first commit"`: commits your changes to the repository, with the message "my first commit"
    - `git branch -M master`: makes sure the name of your current branch is `master` (you may choose another name, such as `main`)
    - `git remote add origin https://github.com/timoguic/myrepository.git`: adds the remote GitHub repository as the `origin` source
    - `git push -u origin master`: sends all the changes in the branch `master` to the `origin` repository

It is strongly recommended that you set up SSH authentication on your GitHub account, and use a SSH key to make your life easier.

You should now see your files in the GitHub repository. Add all the remaining files of your project and commit them to your GitHub repository.

Setup web hosting using GitHub Pages

- Click on `Settings` on your repository page.
- Choose `Pages` in the left menu.
- In the `Source` section, make sure `Deploy from a branch` is selected.
- Then, choose the branch you committed to in the `Branch` dropdown.

This will create a static website for you under the domain `yourusername.github.io`. Everytime you make a commit, the files will be updated on the website.

You can see the result of the process by clicking on the `Actions` tab, and inspecting the build job. The URL of your website will be available on that screen.

Note that it takes time for the website to get built and published - you make changes and commits on your computer, and only push them when you are satisfied with the result. Use meaningful commit messages!