Start new Project

npm init

npm install node-sass - -save-dev

Vscode – sticky scroll: enabled

Mods to Website

Scroll-behavior:smooth

H1 Headings

Clean up art folders

Add to Google and Norton Backup

Img/digital- painting

Img/photo- edits

Img/photo-effects

SEO Notes

Main subject at being of filename

Use modern css - is: (97%), where: (92%) selectors.

Focus and focus-within

Transition specific

Focus within 96%

Change image filenames and alt text for seo.

Add model html to js.

Transform independent scale, rotate, translate 80%

Add photo edit page. Add Effects page. Add CSS page. Change focus.

Test on validation websites.

CSS Research

Marker, backdrop, aspect-ratio

Developer Tools

3 dots, show console drawer (coverage and other tools)

Steps

npm install – Creates package.json file for new project. Also creates all dependencies and node-modules folder and contents.

npm install node-sass –save-dev – installs sass and makes it a development dependency

npm run compile:sass

npm install live-server -g

npm start

npm run build:css

GIT

When setting up a new git folder. Run:

1. Git init
2. git config –global user.name Frank-Pechar
3. git config –global user.email franksemail7@gmail.com
4. Create .gitignore file (add node\_modules, dist, .parcel-cache)
5. git status
6. git add -A (rerun after any mods)
7. git commit -m “Initial commit”
8. Create repository on github
9. Copy – ‘git remote add origin’ line from ‘push an existing repository’ on github page after creating repository
10. Execute copied line in command prompt
11. git push origin master
12. reload github page
13. For updates perform: add, commit, push
14. Link netlify to github
15. Run build command in netlify if needed – Watch – Setting up continuous integration with netlify 4:00
16. To copy to another computer, or, to create local repository from github – Watch Pushing to Github 8:20
17. To go back to beginning of current commit: git reset –hard HEAD
18. To go back to a previous commit – Watch Git Fundamentals 10:00
19. To create new branch - Watch Git Fundamentals 11:30

git config --global user.name Frank-Pechar

git config --global user.email [franksemail7@gmail.com](mailto:franksemail7@gmail.com)

Configs computer to github – only need to run once for computer.

git init

Create .gitignore plain text file

Create a .gitignore file and include files to ignore.

git status

git add -A

git commit -m “Initial commit”

Create github create github repository

Copy then execute git remote add origin command

git push origin master

Refresh github screen

Create readme markdown file

Link netlify to github site

Build command npm-run-all, Publish directory: dist

Git

git init

git status

git add -A

git commit -m ‘message’

git reset –hard HEAD – resets before commit

git log – display commits

git reset –hard (commit ID) – reset after commit - (Git Fundamentals 10:15 - Jonas)

Q or :q to quit command line (ctl-c does not work)

git branch (branch-name) – creates branch

git checkout (branch-name) – switches to branch

git branch – display branches

git checkout master – switch to master branch

git merge (branch-name) – merges branch into master

git push origin master – pushes code to github

Create Development Environment

Advanced CSS – Section 27 - NPM packages: Let's Install SASS locally – Time 12:18

npm install – Will recreate modules file from package.json.

CSS Notes

display: none – Cannot animate

opacity: 0 – Content still active on page

visibility: hidden – Elements not active on page

These are usually used together

opacity: 0;

visibility: hidden;

Also, if element is outside of parent – overflow: hidden.

Also, scale 0.

Media Queries – rem and em equal user agent 16 pixel size including user change to font size zoom level

Sizzy – Test web site on different devices

Positioning – Can use transform: translate() or absolute positioning.

Object-fit: cover – requires height and width (usually 100% for both). Used for images.

Set display: block – for images to remove any small spaces.

**JAVASCRIPT**

Spread operator is like destructuring except no new variables are created and acts as a placeholder of where values would be separated by commas. I.e. passing arguments into a function or building / merging array(s).

Spread operator works on all iterables – strings, arrays, maps, sets – as of 2018 can also use it with objects.