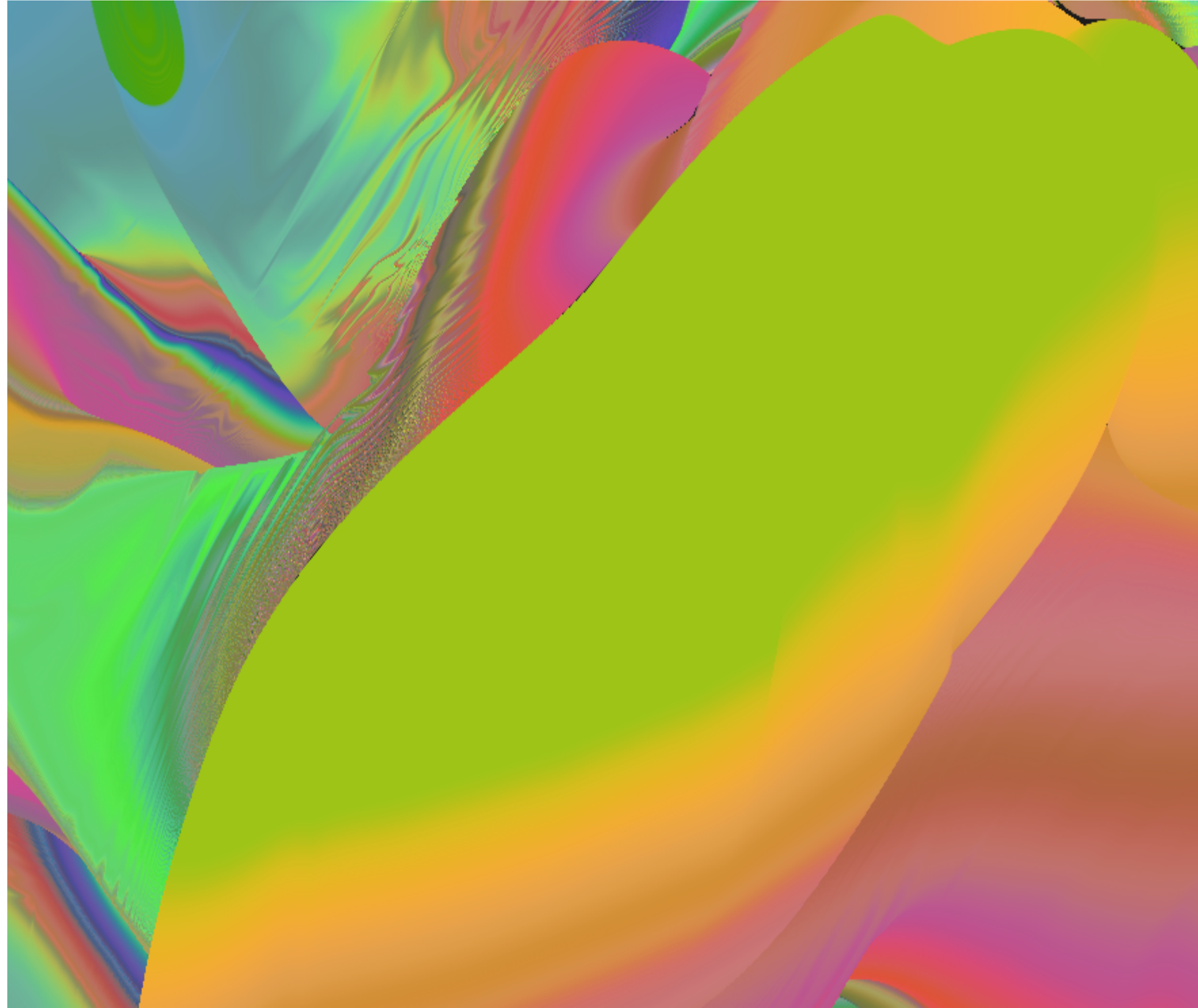


Coding Basics 2



Libraries
Hosting
Github

Interactivity
Sound
Random Noise
FFT
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Shader

Libraries

A p5.js library can be any JavaScript code that extends or adds to the p5.js core functionality.

tone.js, a framework for creating interactive music.
ml5js, friendly machine learning for the web.

Hosting

**To host website online here are
3 free of charge solutions.**

glitch.com is a community based platform to discover and create stuff for the web, files are managed inside the browser.

surge.sh is a static web publishing platform, files are deployed from a local directory.

github pages hosts websites directly from your github repository. Edit, push and changes are live.

Github

Your coding progress and your final project must be documented and archived on github. Github is a software development platform based on Git, an open-source version control system.

Setup your github account [link](#)
Github getting started [link](#)

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Interactivity

Sound

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FFT

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Interactivity

using mouse and
keyboard.

```
function mousePressed() {  
}  
  
function mouseReleased() {  
}  
  
function keyPressed() {  
  if(key === '1') {  
    // do something  
  } else if (key === '2') {  
    // do something else  
  }  
}  
  
function keyReleased() {  
}
```


Sound

Tone.js is a framework for creating interactive music in the browser. It provides advanced scheduling capabilities, synths and effects, and intuitive musical abstractions built on top of the Web Audio API.

tone.js [link](#)

Walkthrough example