

# Calculator Challenge

## The task

A common first project is to build a calculator in your language of choice. Normally this is easy in pure JS but we are web developers, which means we need a UI to go with our logic.

The end goal here is to have a site which can accept inputs, do some calculations and give you the outputs. The inputs will be generated from users clicking on the calculator buttons.

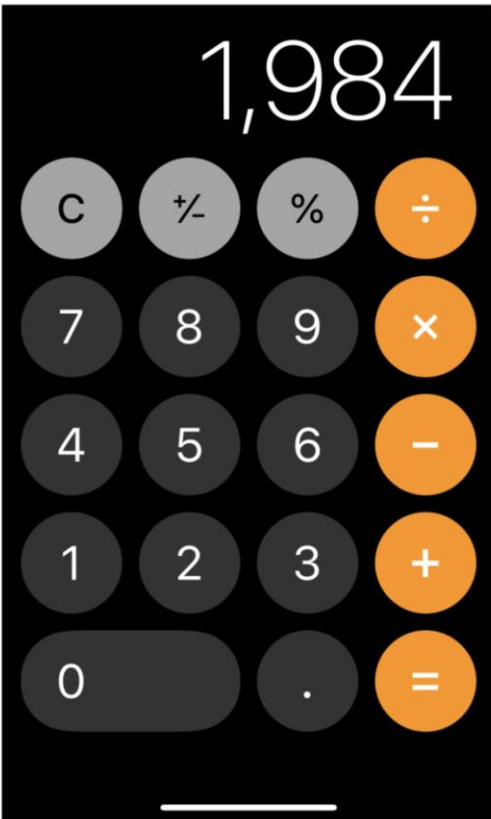
## Let's build!

We're aiming for the following goals for this project:

1. **A working Calculator:** The main task is to create a Calculator not only will this test your understanding of JavaScript but how you break down a problem.
2. **Practice using Git and GitHub flow:** We want you to get as much practice as possible using git, GitHub and the command line.
3. **Apply what you are learning:** This is a great place to apply what you have been learning on all of the course so far. When you get it functioning really push on the UI, use SCSS, BEM, anything else you find on the web....really go mad!

## Requirements

- **PSEUDOCODE:** Do it. Trust me, you will thank yourself.
- You need to have it as a public repository on GitHub
  - In the repo you will also need a [README.md](#) with a short intro to the project.
  - We expect at least **15 Git commits** for the different stages in your development.
- Accept a minimum of 2 inputs, perform an operation and return the output.
- **DO NOT USE THE** `eval()` function as this is extremely dangerous
- Beware of following a “How to make a calculator in JS tutorial”. Watching a video is not the same as learning to code. Some of the stuff you’ll have to do we won’t have covered explicitly but try your best to search to solutions to the next step of problem not the whole problem
- We would like you to take a Mobile first approach to the implementation. It needs to work on different device widths.
- Normal rules for copying from online apply, **if you can’t explain it, you can’t use it.**
- Below is an image of an iPhone calculator. It doesn’t necessarily need to look like this, but should have all the capabilities that an iPhone calculator does (in portrait position).



Good Luck!