

Project Title

Fix the code

1. Introduction

- Coding is now more than ever a needed skill not only by software engineers but by everyone. Fix the code will be a place where users can come and get some basic understanding of code and how it work/ what it looks like/ what it feels like to be a developer. The way this will be slightly different is by proving the user already with the code needed to solve a given problem, the only catch is that it is broken in some way. So the user has to understand it and fix the code instead of having to write the code from scratch. I feel that fixing bugs and looking at already existing code is a great way to learn.

2. Expected List of Features

- Different levels of difficulty
- Choose from different languages the user might be comfortable writing in
- Resources the user can use to learn about the coding required for the specific task at hand
- Real time feedback on whether or not the users changes have fixed the broken code

3. Market Survey

- <https://leetcode.com/>
 - Gives you problems and you need to write the code to solve it and then it test the code you have written. My idea is a similar concept except it will be less intimidating for new users as the code will already be given to you. The user simply needs to fix it.

4. References

- <https://leetcode.com/>
- <https://www.coursereport.com/reports/2018-coding-bootcamp-market-size-research>