



Curriculum

**SE Foundations** ^

Average: 137.49% v

You have a captain's log due before 2024-04-21 (in 1 day)! Log it now!  
(/captain\_logs/5596018/edit)

# 0x00. Fix my code

## Debugging

Weight: 1

 Project over - took place from Dec 11, 2023 6:00 AM to Dec 24, 2023 6:00 AM☒ An auto review will be launched at the deadline

## In a nutshell...

- **Auto QA review:** 1.0/1 mandatory & 85.0/85 optional
- **Altogether: 200.0%**
  - Mandatory: 100.0%
  - Optional: 100.0%
  - Calculation:  $100.0\% + (100.0\% * 100.0\%) == 200.0\%$

## Background Context

Fix my code is a new type of project, where we'll jump into an existing code base and fix it!

Sometimes you will know the language, sometimes not.

Please download the repository 0x00-Fix\_My\_Code\_Challenge (/rltoken/GLYjW57NUS-s-JEsfuNFA) and use it as initial files for all solutions.

You should not recode everything, just fix it!



**This project is NOT mandatory** at all. It is 100% optional. Doing any part of this project will add a project grade of over 100% to your average. Your score won't get hurt if you don't do it, but if your current average is greater than your score on this project, your average might go down. Have fun!

# Requirements

## General

- Allowed editors: `vi` , `vim` , `emacs`
- All your files will be compiled on Ubuntu 20.04 LTS
- All your files should end with a new line
- A `README.md` file, at the root of the folder of the project is mandatory

# Tasks

## 0. FizzBuzz

#advanced

Score: 100.0% (Checks completed: 100.0%)

Please take a look at my implementation of FizzBuzz in Python: source code ([https://github.com/alx-tools/0x00-Fix\\_My\\_Code\\_Challenge/blob/master/0-fizzbuzz.py](https://github.com/alx-tools/0x00-Fix_My_Code_Challenge/blob/master/0-fizzbuzz.py))

Something is going wrong....

```
$ ./0-fizzbuzz.py 50
1 2 Fizz 4 Buzz Fizz 7 8 Fizz Buzz 11 Fizz 13 14 Fizz 16 17 Fizz 19 Buzz Fizz 22 23 Fizz Buz
z 26 Fizz 28 29 Fizz 31 32 Fizz 34 Buzz Fizz 37 38 Fizz Buzz 41 Fizz 43 44 Fizz 46 47 Fizz 4
9 Buzz
$
```


15 should print FizzBuzz not Fizz

### Repo:

- GitHub repository: `Fix_My_Code_Challenge`
- Directory: `0x00-challenge`
- File: `0-fizzbuzz.py`

☒ Done!

Check your code

 Get a sandbox

QA Review



## 1. Print square

#advanced

Score: 100.0% (Checks completed: 100.0%)

Please take a look at my implementation of printing a square in Javascript: source code (/rltoken/7K-  
aujpECVMnw2Q2evKTKw)

Something is going wrong....

```
$ ./1-print_square.js 4
####
####
####
####
$ ./1-print_square.js 10
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
$
```

./1-print\_square.js 10 should print a square of size 10...

### Repo:

- GitHub repository: Fix\_My\_Code\_Challenge
- Directory: 0x00-challenge
- File: 1-print\_square.js

☒ Done!

Check your code

[>\\_ Get a sandbox](#)

QA Review

## 2. Sort

#advanced

Score: 100.0% (Checks completed: 100.0%)

Please find here my implementation of sorting arguments in Ruby: source code  
(Token/VWmJWDMM4TMm4hX19lkbVw)

Something is going wrong....


```
$ ruby 2-sort.rb 12 41 2 C 9 -9 31 fun -1 32
31
32
12
41
2
9
-9
-1
$
```

#### Repo:

- GitHub repository: `Fix_My_Code_Challenge`
- Directory: `0x00-challenge`
- File: `2-sort.rb`

☒ Done!

Check your code

 Get a sandbox

QA Review

### 3. User password

#advanced

Score: 100.0% (Checks completed: 100.0%)

Please find here my implementation of a User class in Python: source code ([https://github.com/alx-tools/0x00-Fix\\_My\\_Code\\_Challenge/blob/master/3-user.py](https://github.com/alx-tools/0x00-Fix_My_Code_Challenge/blob/master/3-user.py))

Something is going wrong...

```
$ ./3-user.py
Test User
is_valid_password should return True if it's the right password
$
```

My tests should not print any error...


#### Repo:

- GitHub repository: `Fix_My_Code_Challenge`
- Directory: `0x00-challenge`
- File: `3-user.py`



 Done!

Check your code

 Get a sandbox

QA Review

## 4. Double linked list

#advanced

Score: 100.0% (*Checks completed: 100.0%*)

Please find here my implementation of a Double linked list in C: source code  
(/rltoken/x1hyDpdlwxbkpR\_4E9PpOQ)

Something is going wrong...



```
(7) gcc -Wall -pedantic -Werror -Wextra -std=gnu89 main.c free_dlistint.c print_dlistint.c add
_dnodeint_end.c delete_dnodeint_at_index.c -o delete_dnodeint
$ ./delete_dnodeint
0
1
2
3
4
98
402
1024
-----
0
1
2
3
4
0
402
1024
-----
1
2
3
4
0
402
1024
-----
2
3
4
0
402
1024
-----
3
4
0
402
1024
-----
4
0
402
1024
-----
0
402
1024
-----
402
```



(/)

\$

**Repo:**

- ☒ Done!
 ☐ Check your code
 ☐ QA Review

