

CSF

x86-64 assembly language

~~Twitch Plays Pokémon~~

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601.229 Computer Systems Fundamentals



2014: Twitch plays Pokémon



- ▶ Twitch experiment to allow the Internet to collectively play Pokémon Red
- ▶ Button inputs sent via chat
- ▶ The Internet won the game!

¹<https://www.vox.com/2014/3/2/11624084/>

Today

- ▶ You are going to work on an assembly language function!
 - ▶ Collectively!
- ▶ Problem is in this slide deck
 - ▶ Not the public version on the website; the private version on the Canvas “Files” page
 - ▶ Zipfile containing the project with unit tests is also here
- ▶ Google doc for collectively writing assembly code

Ground rules

- ▶ When you open the document, go to Tools → Preferences and turn off smart quotes, correct spelling, etc.
- ▶ Use an Incognito window if you don't want your edits to be registered to your Google account
- ▶ Make small edits!
 - ▶ We're looking to have lots of contributions!

The problem

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