

CSF

x86-64 assembly language

~~Twit~~ch Plays ~~Pok~~émon

David Hovemeyer

February 16, 2022

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 Piazza (in the Resources tab)
 - ▶ Skeleton code zipfile is also on Piazza
- ▶ Google doc for collectively writing assembly code (link provided in class)

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

Clicker quiz omitted from public slides

The problem

Clicker quiz omitted from public slides

The problem

Clicker quiz omitted from public slides

The problem

Clicker quiz omitted from public slides

Clicker quiz omitted from public slides