# CSF x86-64 assembly Twitch Plays Pokemon

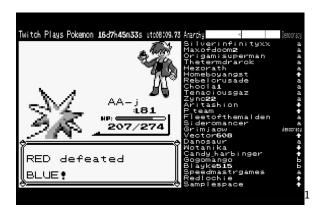
David Hovemeyer

February 15, 2023

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!

<sup>&</sup>lt;sup>1</sup>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

- ightharpoonup When you open the document, go to Tools ightharpoonup 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!

## Hints/advice