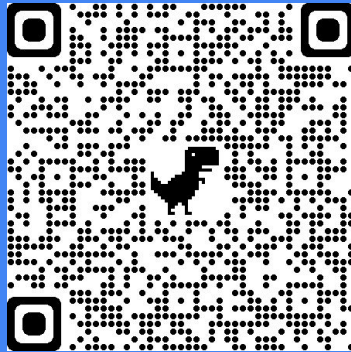


ACM CSIP Summer 2021

Meeting 3! Check-in pls: <https://forms.gle/EPcbHDtwvRb4fmZj7>



Welcome!

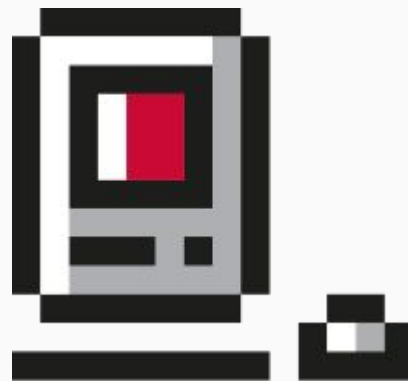
- Itinerary
 - Introduction
 - Polls
 - Debugging
 - Process
 - Challenges



Introduction

Introduction

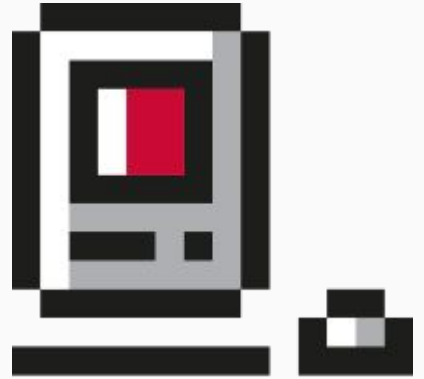
- Computer Science Interview Prep (CSIP)
- Meeting Tuesdays @ 7PM, ACM Discord
- Focused on professional, personal, and technical development
- Will be focused on both behavioral and technical interviews



Polls

Polls

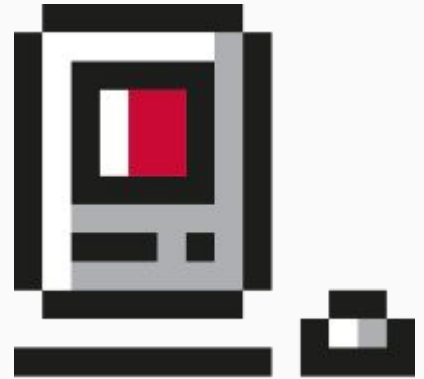
- See check-in form
- Have you ever received an Online Assessment (OA)?
- Have you ever had to debug someone else's code?
- How do you start to debug?



Debugging

Debugging

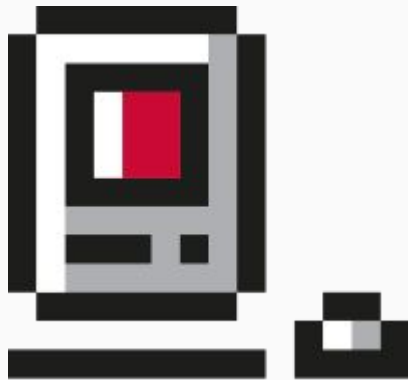
- Identify and remove computer 'bugs'
- Make the program work as intended



Process

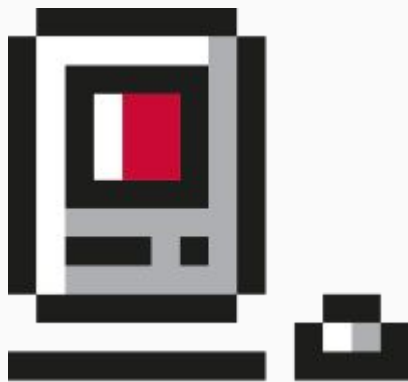
What to look for?

- What should be happening?
 - Examples of expected output?
- What can you do?
 - Modify/edit code?
 - Run/execute program?
 - Add breakpoints?
 - Read/write to console?



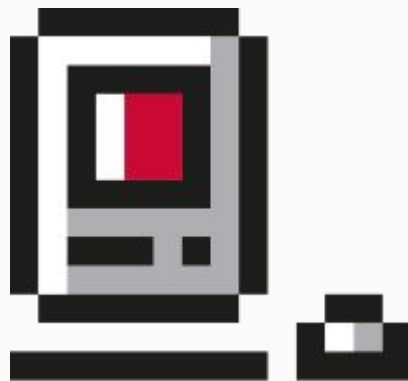
What kind of error?

- Compile-time Errors
 - Language dependent
 - Program will not compile
- Run-time errors
 - Language dependent
 - Program will compile, will not run
 - Ex: invalid operations
- Semantic/Logic errors
 - Program compiles, will not run as intended



Examples

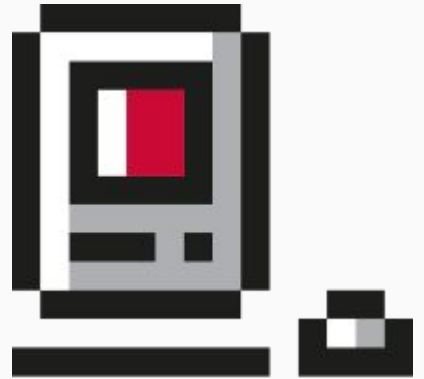
- Check range of loop
- Scope of code block {}
- Comparisons >, <, =, ==, <=, >=
 - |, ||, &, &&, ?
- Size of array
- Look to change a minimal amount of code



Challenges

Debugging Challenges

- Look for code snippets in #voice-text!



Conclusion

Questions?

- Find ACM on:
 - [CS GroupMe](#)
 - [GitHub](#)
 - [LinkedIn](#)
 - [Instagram](#)
 - [Discord](#)
 - [Calendar](#)
- Consider becoming a member!

