CS 220: Introduction to Parallel Computing

Pointers in Depth

Lecture 11

Today's Agenda

- HW1 Review

- Pointers in Depth

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- **HW1 Review**

- Pointers in Depth

HW1

- Grades are posted now

- If I missed your assignment, please let me know

- HW2 grading is underway

HW1 Review

- Don't forget to initialize your 'sum' variable to zero.

    - Might work, but might contain old values

    - In C, if you want something to be initialized, you're going to have to do it yourself!

- Remember that C is 0-based: if you set the first value you encounter to numbers[1], you're actually getting the 2nd value

Today's Agenda

- HW1 Review

- **Pointers in Depth**

Pointers

- At this point, we've learned most of the basic C concepts

    - Hooray, we're done!

- We also need a lot more practice messing around with C pointers

- Do we pass in "&variable"? "*variable"? How do you create a pointer?

    - And what about double pointers?

PointerFest 2018

- Today's lab activity is a challenge: write the entire program without compiling it first

- You can work in groups of up to 3 members

- Detailed instructions are provided inside the file

- Once your team is finished, call me over to take a look

- Next up: linked lists