CS-HU 390 Lesson # 5

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Hints on Handling Technical Questions (1)

- Listen carefully
- Draw an example
- State a brute force
- Optimize: BUD: Bottlenecks, Unnecessary Work, Duplicate Work
- Walk through your solution
- Implement
- Test

Hints on Handling Technical Questions (2)

- Optimization approaches:
    - BUD: Bottlenecks, Unnecessary Work, Duplicate Work
    - Simplify and generalize
    - Base case and build
    - Data structure brainstorm
    - Do It Yourself

Warm Up Session

- Analyze problem
- Walk through your solution

Round 1

You get to interview your peers

Two sets of problems will be provided so each student gets to play both roles!

20 minutes, followed by 10 minutes of class discussion

Round 2

You get to interview your peers

Two sets of problems will be provided so each student gets to play both roles!

30 minutes, followed by 15 minutes class discussion

Round 3 (Optional)

A non-coding problem involving data structures and/or algorithms