

# Technical Interviews: Examples and Explanation

**What is a technical interview?** An interview with an emphasis on problem solving

## The stages of an interview:

- Introductions
- Resume and experience
- The “technical” part
- Wrap up

## Steps to solving a technical problem

- Listen to the problem statement
- Ask clarifying questions
- Explain a naïve solution
- Determine your next move
- Choose a programming language
- Write your code
- Check your solution
- Finalize the code
- Q & A about your code
- Improve your answer
  - Techniques:
    - Build on solved/efficient problems
    - Compare data structures
    - Find bottlenecks
    - Avoid extra variables
    - Add short-circuiting, caching, or memoization
    - Discuss trade-offs
- Check in with the interviewer

## Resources for success

- Overall guidance
  - “Technical Interviews Make Me Cry” by [Pamela Fox](#)
  - “How to Prevent Crying During Your Technical Interview” – [Job Tips for Geeks](#)
  - “How to Ace Your Technical Interview” - [Forbes](#)
  - The company website of where you’re applying
  - Glassdoor or other company aggregators
- What information to review
  - “How to prepare for technical interviews” - [Dan Dreams of Coding](#)
- Ways to practice
  - Huge (but not well curated) list: <http://www.techinterview.org/>
  - Your own assignments and tests
  - Your peers
  - Mock interviews through companies/career centers