



Technical Interview: 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