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