Lab 1
Formatting

• No black backgrounds
• Use serif fonts for text
• Use monospaced fonts for code
• Block indent
• Code appears exactly as in IDE

• Label clearly in appendix.
Printing

• Use Latex defaults
  • 12 point font
  • Single space
  • 1.5 inch margins on all sides
• Stapler
Content

- Be careful about assumptions
- Cite it
- Prove it
- State "I assume that ..."
- Leave it out
- Compiler vs interpreter
- Stick to the prompt
Presentations
Winston on Presentations

• Time
• The room
  • Shape matters
    • Park 227, Park 338,
    • Park 245
    • Park 300
• A happy place
Practice

- Pick your location
- AV issues
- Lights on
- Chat up early arrivers
The talk

• Be Happy
• VSN-C
  • Start with Vision
  • Steps
  • News
  • Finish with Contributions
Contributions == Conclusions

• No "thank you"
• No collaborators
  • if needed, do early
"you have too many slides and all of them have too many words"

Winston
No cute clip art
Avoid bullet lists
Use big fonts

(use even bigger fonts)
Progress bars -- maybe

"page 1 or 12"?
Um like er... you know
Bellow!
(use a mic, practice)

Monotone

Pockets
$P = NP?$
NP-Complete

• NP = Non-deterministic Polynomial
• in NP == Solution is verifiable in P time
• problem is provably equivalent to other NP complete problems
• vertex cover of a graph is a set of vertices that includes at least one endpoint of every edge.
Vertex Cover Algorithm

• Find the minimum vertex cover of a graph
• We will discuss graph representations, just make something up for now
Vertex Cover Algorithms

- Optimal algorithm
- Naive algorithm
- Greedy Algorithm
xkcd??

- More on xkcd.com
An algorithm to consider

- Given two lists of integers
- call these A and B
- Find: \( \min(\text{abs}(A[i]-B[j])) \)