Put The Title Here!

Prepared by: *Insert your names here.*

Section Header

File names. Name your file according to the instructions on the web site. The template for the .tex file name is `lecNN.570.tex`. The `NN` number is assigned to each team on the web page.

Problem Specification. Use `\paragraph` headings for labeled paragraphs. These include paragraphs which need titles, as well as examples, theorems etc.:

Example. This is an example.

Theorem. This is a theorem statement.

Formulas. Use $$ ... $$ environment for long-ish formulas:

$$sim(\bar{x}, \bar{y}) = \frac{\sum_{i=1}^{n} x_i \cdot y_i}{\sqrt{\sum_{i=1}^{n} x_i^2} \cdot \sqrt{\sum_{i=1}^{n} y_i^2}}.$$

Figures

Figures are best drawn in `xfig`. They can be saved in `.fig` files and exported into Encapsulated Postscript, `.eps` format. And example is shown in Figure 1. Pick an appropriate width for your images, and center them.

Algorithms

Use the setup shown below to create the pseudocode for the algorithms. It is not the most elegant way to create algorithm descriptions, but the result renders pretty well.

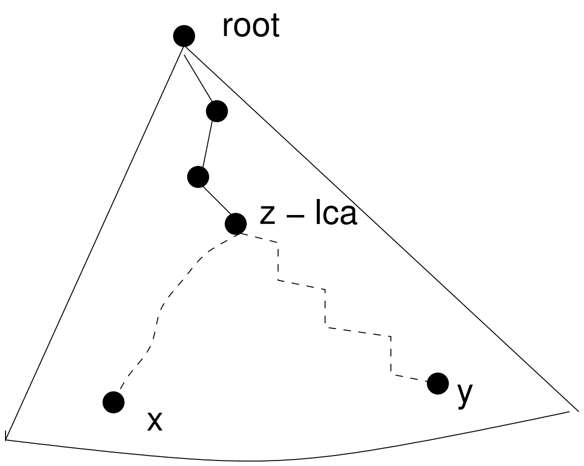

Figure 1: Illustrating the definition of lowest common ancestor: node z is the *lca* for nodes x and y.

ALGORITHM NaiveStringMatch(S,P,n,m)
begin
  for k$= 1$ **to** $n - m + 1$ **do**
    if $P = S[k, k + m - 1]$ **then**
      output(k);
  end for
end

Bibiliography

Bibiliography should accompany all your submissions. The simplest way is the `thebibiliography` environment, as shown in this file.

References

[1] Dan Gusfield, *Algorithms on Strings, Trees and Sequences: Computer Science and Computational Biology*, Cambridge University Press, 1997.