

Good further problems for exam preparation purposes can be found on the course's webpage and at Prof. Cover's webpage. <http://www.stanford.edu/class/ee376a/>  
Ignore problems on material that is not covered in this course...

**Ex. 1**

Read the description of the Lempel Ziv algorithm in McKay's book. Describe, in your own words the method, and briefly discuss its performance, advantages/disadvantages. How good would it be for large examples? Can the basic method be improved?

**Ex. 2**

Encode the string using the Lempel Ziv method.

000000000000100000000000.

**Ex. 3**

Decode the string

00101011101100100100011010101000011,

which was encoded by the basic Lempel Ziv encoding in McKay's notation.

**If you return it by Monday, I will mark it by Wednesday (last lecture of this course).**

**If you want to see any particular section revised in the last lecture, let me know (the sooner the better).**

My web page contains a collection of related material.

<http://www.ma.rhul.ac.uk/~elsholtz/WWW/lectures/0506mt441/lecture.html>