

Homework Set 1(B)

DUE: With part A

14) Katz p.103: 2.5

15) Katz p.104: 2.7 a, b

16) Encoding problem:

Using information on the Internet RFC 2795 (IMPS) [<http://www.faqs.org/rfcs/rfc2795.html>], show how an I-TAG would be encoded for

a. an ID of 64_{10}

b. an ID of $1,000,000_{10}$

Give the encoding in Hex. Assume that if there are not enough bits for a whole number of bytes, that extra zeros are padded to the extreme right.

You may work in groups of up to three people on this problem. Each person should turn in a copy of the group's answer, with the names of the other group members. You may discuss this quite freely on the cse370 mailing list, just don't give away any final answer.