

Assignment 3 Problem 6

a) Insert the following binary keys into an initially empty (uncompressed) binary trie:

0110\$, 110\$, 0000\$, 01001\$, 01\$, 00\$, 01011\$, 0\$, 111\$, 010\$, 11\$

b) From your answer to part (a), delete the following keys, and show the trie after each deletion:

01011\$, 00\$, 0110\$

c) Repeat part (a), except use a compressed trie.

d) Repeat part (b), starting from your answer to part (c).