



TestCase1 ( non-overlapping ranges)

i. Search for bbb

ii. Search for ddd

TestCase2 ( overlapping ranges)

iii. Search ddd

iv. Search bbb

Pseudocode:

a. start at root node \$. node = root

b. for character,c in input:

if c is not childnode of node

prev\_node = node.predecessor(...)

next\_node = node.sucessor(...)

return true, if prev.right\_valid and next.left\_valid

else

node = childnode

c. If node.valid: //Valid eaf node for input in trie

return true

