**Justin\_Tree\_0235.**  **Lowest Common Ancestor of a Binary Search Tree**

**Concept:**

看 p、q 兩點跟 root 的關係

比 root 大就往右找，比 root 小就往左找

**Code:**

class Solution:

def lowestCommonAncestor(self, root: 'TreeNode', p: 'TreeNode', q: 'TreeNode') -> 'TreeNode':

"""

:type root: TreeNode

:type p: TreeNode

:type q: TreeNode

:rtype: TreeNode

"""

p\_val = p.val

q\_val = q.val

node = root

while node:

parent\_val = node.val

if p\_val > parent\_val and q\_val > parent\_val:

node = node.right

elif p\_val < parent\_val and q\_val < parent\_val:

node = node.left

else:

return node