Problem # 165 : Compare Version Numbers

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<https://leetcode.com/problems/compare-version-numbers/>

Solution:

<https://leetcode.com/problems/compare-version-numbers/discuss/838572/Simple-Python-3-Solution-Runtime-beats-94.61>

class Solution:

def compareVersion(self, version1: str, version2: str) -> int:

v1\_list = version1.split('.')

v2\_list = version2.split('.')

n1 = len(v1\_list)

n2 = len(v2\_list)

if n1 < n2 :

v1\_list += [0] \* (n2 - n1)

elif n1 > n2:

v2\_list += [0] \* (n1 - n2)

n = max(n1, n2)

for i in range(n):

if int(v1\_list[i]) > int(v2\_list[i]):

return(1)

elif int(v1\_list[i]) < int(v2\_list[i]):

return(-1)

return(0)