roblem 937: Reorder Data in Log Files

<https://leetcode.com/problems/reorder-data-in-log-files/>

Just like Sql order by with multiple columns, we can sort by multiple criteria

Note: letters.sort(key = lambda letters: (letters.split()[1: ], letters.split()[0]))

Here the sorting is done based on letters.split()[1: ] and within that it is sorted by letters.split()[0])

class Solution:

def reorderLogFiles(self, logs: List[str]) -> List[str]:

digits = []

letters = []

for log in logs:

chars = log.split()

if chars[1].isdigit():

digits.append(log)

else:

letters.append(log)

# sort the letter logs

letters.sort(key = lambda letters: (letters.split()[1: ], letters.split()[0]))

return(letters + digits)