1. class Solution(object):
2. def mergeAlternately(self, word1, word2):
3. i, j = 0, 0
4. res = []
5. while i < len(word1) and j < len(word2):
6. res.append(word1[i])
7. res.append(word2[j])
8. i += 1
9. j += 1
10. res.append(word1[i:])
11. res.append(word2[j:])
12. return"".join(res)

Pesudocode

1. setting up class
2. setting up a definition
3. setting up counters
4. setting up an array
5. Whilestatement: I is less than word1 and j is less than word 2
6. Taking word one - i
7. Taking word two - j
8. Add one to i
9. Add one to j
10. res.append(word1[i:]) # because there may be a letter left add the word
11. res.append(word2[j:])
12. return to array

A screenshot of a computer program

Description automatically generated