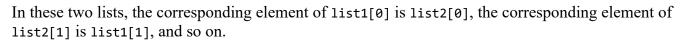
Parallel Lists and Strings

Correspondings Elements

Two lists are *parallel* if they have the same length and the items at each index are somehow related. The items at the same index are said to be at *corresponding positions*.

Consider these two lists:

```
list1 = [1, 2, 3]
list2 = [2, 4, 2]
```



Chapter

9.4

Optional reading

Processing Lists Using

Practical Programming

Indices

Example of Corresponding Elements

The function above counts the corresponding elements of the two strings that are the same character. If a character of s1 at index i is the same as the character of s2 at the same index, then we increment num_matches by 1 (since they match). Otherwise, we continue on to the next pair of corresponding elements and compare them.

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