

# CSCA20H Week 11 Lab

To earn your lab marks, you must actively participate in the lab. As usual, submit your lab11.py to MarkUs.

## 1 Objectives

- Extra practice writing Python code in preparation for the final exam.

## 2 Functions

For the following functions, you should first write your code on paper as if you were answering an exam question. Then type your solution into Wing and test with a few input values to see whether it works.

<code>duplicates(list)</code>	Return True if the given list contains adjacent elements with the same value, and return False otherwise.
<code>merge_lists(list, list)</code>	Given two lists of strings, return a new list with each element from the first list concatenated to the string in the corresponding position of the second list. You may assume that the lists have the same length. For example <code>merge_lists(['Boo ', 'Why ', 'Good '], ['Who', 'Not', 'Day'])</code> should return <code>['Boo Who', 'Why Not', 'Good Day']</code> .
<code>file_to_dictionary(file, str)</code>	Given an open file that contains a unique string followed by a given string delimiter and more text, return a dictionary that contains an entry for each line in the file: the unique string as the key and the rest of the text as the value (excluding the delimiter, and leading and trailing whitespace).
<code>file_search(str, str, str)</code>	Given two filenames as strs and a search word as a str, open the first file to read and the second for writing. Write each line of the first file that contains the search word as a substring to the second file.
<code>quiz_user(str, str)</code>	Given two strings, the first a question and the second the answer, continually prompt the user with the question until the correct answer is given.