**Winter 2016 - Cmpt 103**

**Section 41 - Lab 7 mark sheet**

**Student name:** Metehan Dagsuyu  **Total: 93 marks**

**Programming style: [5 marks]**

* None of the functions have any blank lines to separate the code into logical blocks. Adding some blank lines would make the code more readable: **-1**
* There are no comments within the code to explain what it is doing. Occasional comments would be helpful: **-1**
* Some of the variables don’t use the underscore approach as in differentLetters or mappedDict (which should be different\_Letters and mapped\_Dict) although this is the standard in this course: **-1**

**Question 1: intersect** **[18 marks]**

**Question 2: is\_submap** **[17 marks]**

* Function header for is\_submap:
  + The syntax needs to start with ‘bool =’ as there is a value returned: **-0.5**
  + The return value should be ‘bool – T/F if every key/value in dict1 is in dict2’: **-0.5**

**Question 3a: is\_neighbour** **[16 marks]**

* Function header for is\_neighbour:
  + Nice use of examples in the function purpose!
  + The syntax needs to start with ‘bool =’ as there is a value returned: **-0.5**
  + The return value should be ‘bool – T/F if str1 and str2 are immediate neighbours or not’: **-0.5**
* Does not determine False if the strings are identical. Instead of using ‘return (differentLetters<2)’ use ‘return (differentLetters == 1)’: **-1**

**Question 3b: build\_neighbour\_map** **[37 marks]**

* Function header for build\_neighbour\_map:
  + The purpose could also state that it returns a dictionary.
  + Since the return value starts with ‘mappedDict’, the syntax should also start with ‘mappedDict’ rather than ‘map’. They should match each other.

**File processing:**

* + Does not handle an error in file processing (except) by returning ‘None’. It returns the mappedDict structure instead: **-1**