

## **Q530 Homework 4: Perl Programming**

**Due date: 17 October, midnight**

1. Ask a user to input a temperature: if it is greater than 75, print “too hot”; if it is less than 68, print “too cold”; otherwise, print “just right”.
2. Read a sequence of numbers until “100” is entered, then print out the sum of all those numbers. E.g. if the input is 1 2 3 100, the program should print 6 (1+2+3).
3. Read a document file (provided)
  - Find all of the words that contain more than 9 characters. Print a list of those words with their frequencies in the document file into an output file.
  - Find all of the words that begin with ‘a’ and ends with ‘e’. Print a list of those words with their frequencies in the document file into an output file.

Hint: you need to remove non-letter symbols and also convert the text into either capital or lower case.