



TON DUC THANG UNIVERSITY

Faculty of Information Technology

Exercises for Lab 9

1. Read from the input data (input01.txt). The first line is an integer number N. In the next N lines, read one integer from each line. Then, write to a new file (output01.txt) the sum of these N numbers.
2. Read the input data (input02.txt). The first line is an integer number N. In the next N lines, read one string from each line. Then, write to new file (output02.txt) the length of each string in each line.
3. Write a search program which should work as following:
 - Print to the console: "enter a file name:".
 - Read file name from the console (standard input). Each line in the input file is an integer number.
 - Print a menu of the algorithms that you have implemented in the previous lessons. Each of them is represented by a letter or number.
 - Print to the console: "choose one of these search algorithms:".
 - Read a letter or number indicating the algorithm.
 - Print to the console: "enter a value to search for:".
 - Read the integer from the console as your target value. Then, using the chosen algorithm to search for the target value in the input file.
 - Print to the output file (output3.txt) the position of the target value or "not found" if the target value is not present in the input file.