

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)

ORGANISATION OF ISLAMIC COOPERATION (OIC)

Department of Computer Science and Engineering (CSE)

Course: 4108, Lab Task 9-1a

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Create a program which can read text files and show whether the written sections of the file are numbers or words (containing alphabets). You have to read the contents of the files from the command prompt and the number of files can vary. You have to write the output into another file. The input/output format (assuming that your program is a.exe) and subdivision of task along with their associated marks is given below:

Sub-Tasks:

1. Read any number of files using command prompt. (5)
2. Differentiate between words and numbers from the texts of the files. (7)
3. Write the result into another file. (3)

Sample Input:

a text.txt

Contents of text.txt

word sample number 138
this is The 18th test and are 13.5 times
better than the previous 92

Sample Output:

word #1: word
word #2: sample
word #3: number
number #1: 138
word #4: this
word #5: is
word #6: The
word #7: 18th
word #8: test
word #9: and
word #10: are
number #2: 13.5
word #13: times
word #14: better
word #15: than
word #16: the
word #17: previous
number #3: 92