**ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)**

**ORGANISATION OF ISLAMIC COOPERATION (OIC)**

**Department of Computer Science and Engineering (CSE)**

**Course: 4108, Lab Task 9-2a**

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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 print the output on the screen. 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. Print the result on the console. (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