

Exercise 01: Write a program that allows users to input data from the keyboard until enter “done” and data stored to file named data.txt then shows file’s content on the screen.

[05 marks]

Input data:

Hello

World

!

Done

The file has been created successfully.

This is the file’s content:

Hello

World

!

Exercise 02: [05 marks]

Download a copy of the file from www.py4e.com/code3/romeo.txt

Write a program to open the file romeo.txt and read it line by line. For each line, split the line into a list of words using the split function.

For each word, check to see if the word is already in a list. If the word is not in the list, add it to the list.

When the program completes, sort and print the resulting words in alphabetical order.

Enter file: romeo.txt

['Arise', 'But', 'It', 'Juliet', 'Who', 'already',
'and', 'breaks', 'east', 'envious', 'fair', 'grief',
'is', 'kill', 'light', 'moon', 'pale', 'sick', 'soft',
'sun', 'the', 'through', 'what', 'window',
'with', 'yonder']