**Practical No 05**

**Unruled Side**

**Write with Pencil**

**Objective** - To write a Python program to count the number of words in a text file.

**Software and System Requirements -**

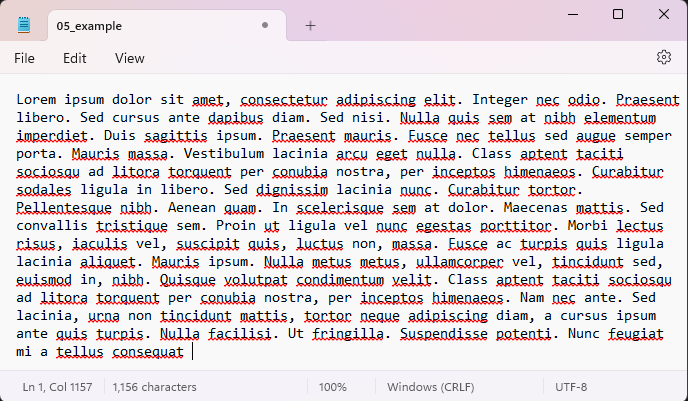
1. Windows 10 / 11 with basic configuration
2. Python3 installed on the system.
3. Text file containing the desired text for analysis.

**Screenshot of Code –**

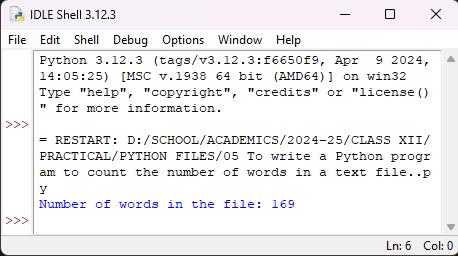
**A screenshot of a computer program

Description automatically generated**

**Screenshot of Sample Text File –**

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**Screenshot of Output –**

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**Conclusion -**

In this practical exercise, we successfully implemented a Python program to read a text file and display the count of vowels, consonants, uppercase, and lowercase characters in the file. This program enhances our understanding of file I/O operations and string manipulation in Python.

**Practical No 05**

**Ruled Side**

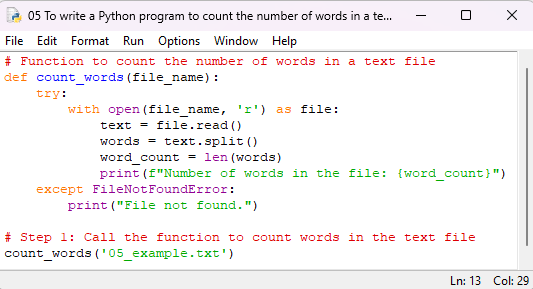
**Write with Pen**

**Objective** - To write a Python program to count the number of words in a text file.

**Software and System Requirements -**

1. Windows 10 / 11 with basic configuration
2. Python3 installed on the system.
3. Text file containing the desired text for analysis.

**Handwritten Source Code –**

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**Points for Consideration:**

1. Ensure the text file is in the same directory as the Python script or provide the full path to the file.
2. Handle exceptions such as file not found appropriately.

**Conclusion –**

In this practical exercise, we successfully implemented a Python program to count the number of words in a text file. This program enhances our understanding of file I/O operations and string manipulation in Python.