Text

Description automatically generated

**Department of Computing**

**EE 433: Digital Image Processing**

**Class: BSCS 9AB**

**Lab 1: Introduction to Python**

**Date: 14th September 2021**

**Time: 10.00 am to 1.00 pm && 2.00Pm to 5.00Pm**

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**BSCS 9B**

**291310**

# Lab Tasks

**Task #1**

Write down a python program which takes two strings as input and calculate the

**Levenshtein/Edit distance** between the two strings.

**Code:**

Text

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**Outputs**

1. **2.**

Text

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# Task #2

Now modify the above written program in such a way that it takes two text files containing **single- line** and **lowercase** English sentences named as reference.txt and hypothesis.txt, and outputs the file result.txt containing Levenstein distance of these two files as below. The distance should be word level and not character level.

**Code**

Text

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Background pattern

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**Result.txt file**

* Before executing code

Graphical user interface

Description automatically generated with low confidence

* After executing code

A picture containing graphical user interface

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