

# ADVANCED ALGORITHMICS PROJECT: Longest Common Subsequence

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# Introduction

**First paragraph** blablablabla

**itemized list**

- *italic text*
- **bold text**
- TEXT IN SMALL CAPS
- underlined text

**numerized list**

1. bla
2. blabla

# 1 Algorithms presentation

## 1.1 LCS

### 1.1.1 Dynamic programming

**first par.** blablabla  
line break

### 1.1.2

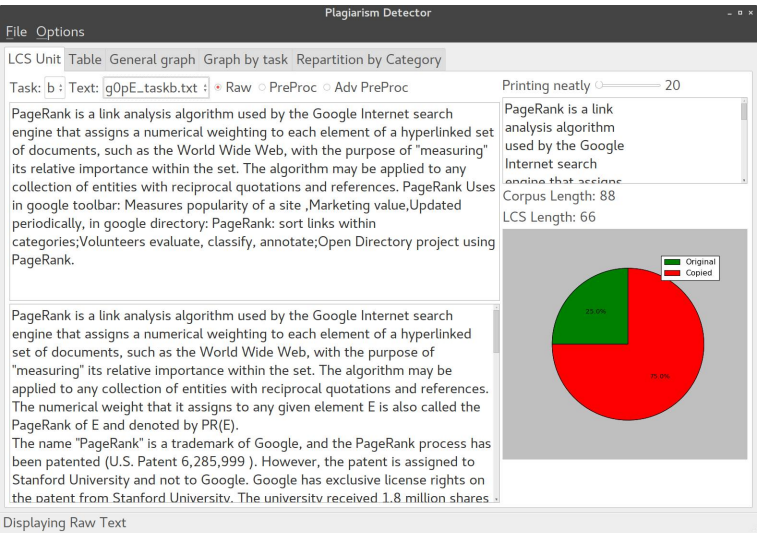
## 1.2 Printing Neatly

## 2 Preprocessing technics

# 3 Graphical User Interface

## 3.1 LCS Unit

1.jpg



## 3.2

## 4 Results studies

### 4.1 Time complexity

$\mathcal{O}_T =$  some centered maths

We can also include maths inline the paragraph like  $\sum_{i=1}^n \left[ \sqrt{\frac{1}{\log n^2}} \right]$  or whatever.

### 4.2 Space complexity

## Conclusion