**CSCI-6461: PROJECT – PART 3**

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**Technology Used**

Java OpenJDK 23

**How To Run?**

1. Make sure you have updated version of **JAVA** installed
2. Download the **ZIP** and extract ***Project2.txt*** file, ***Paragraph.txt*** file and ***JAR*** file in the same place.
3. Please use the following command in **Terminal/CMD** to run the ***JAR***:

**java -jar Simulator.jar**

1. After it run, you can provide the input file by clicking on IPL button which will open a dialog box. Select ***Project2.txt*** file from that dialog box and click open.

A computer screen shot of a computer

Description automatically generated

It will show that ***File Load Successful.***

1. You can see the paragraphs loaded from ***Paragraph.txt*** and machine code from ***Program2.txt*** file and can also enter the word you want to search*. [Here in example, I am searching for word “and”]*

A screenshot of a computer keyboard

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1. After entering the word in **Keyboard** section, it will find and display all the sentences where the provided word exists and the position within the same sentences.  
   **Example:** *I entered “and” and it shows all places where it exists*

A screenshot of a computer keyboard

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