CSCI-6461: PROJECT – PART 3

Designed by – TEAM 5

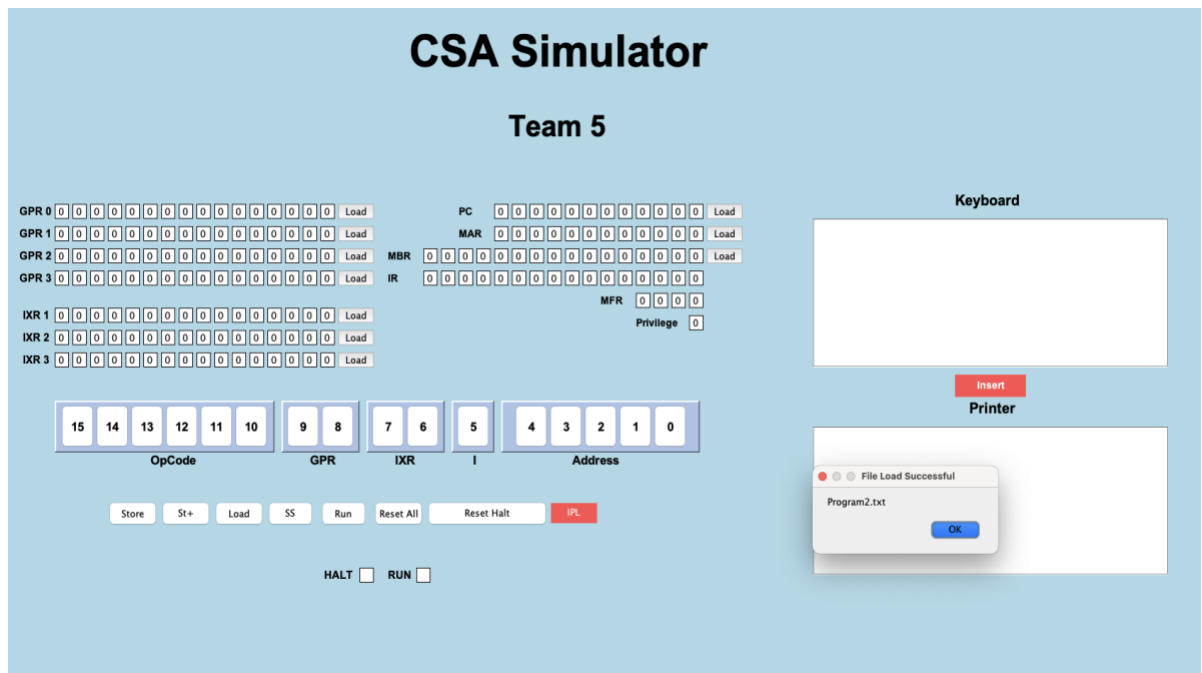Avish Kaushik
Harichandana Samudrala

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

4. 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.

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

5. 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"]*

6. 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_

Keyboard

and

Insert

Printer

formance, fixing bugs, and evolving with user needs
Enter the word :
and
Found the word "and" in sentence 1, word number 7
Found the word "and" in sentence 1, word number 11
Found the word "and" in sentence 1, word number 19
Found the word "and" in sentence 2, word number 10
Found the word "and" in sentence 4, word number 10
Found the word "and" in sentence 4, word number 15
Found the word "and" in sentence 5, word number 9
Found the word "and" in sentence 5, word number 15
Found the word "and" in sentence 6, word number 4
Found the word "and" in sentence 6, word number 14
****