CSCI-6461: PROJECT – PART 2

Designed by – TEAM 5

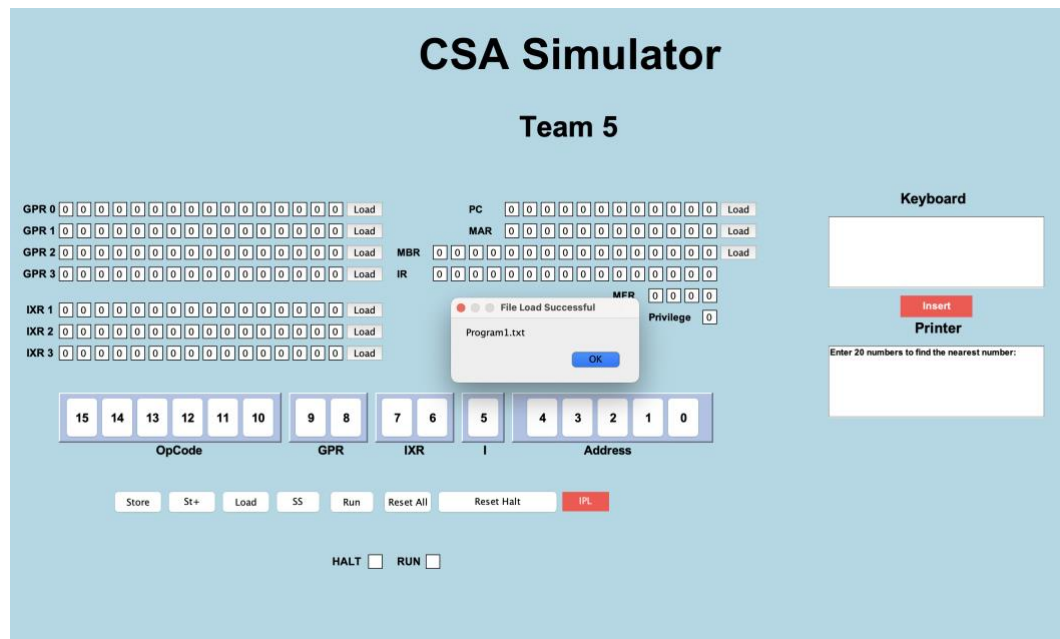Avish Kaushik
Harichandana Samudrala

Technology Used

Java OpenJDK 23

How To Run?

1. Make sure you have updated version of **JAVA** installed
2. Download the **ZIP** and extract *Project1.txt* file and *JAR* file in the same place.
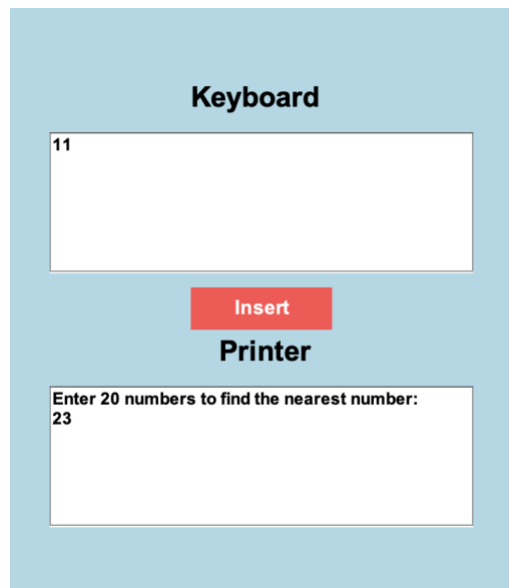3. Please use the following command in **Terminal/CMD** to run the *JAR*:

   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 *Project1.txt* file from that dialog box and click open.
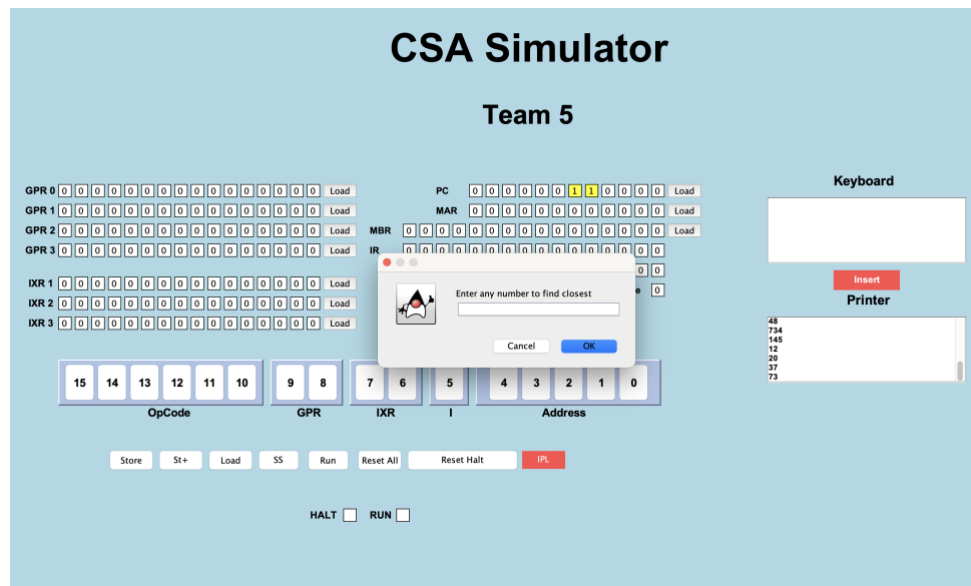
CSA Simulator

Team 5

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

5. You can start entering 20 values in the **Keyboard** section and can click on **Insert** to add them.

6. After providing 20 numbers, it will give you option to enter a number you to find the closest number within the given 20 elements.

7. After entering the number in Pop-up panel, it will find and display you the closest number to it among the given 20 elements.
   Example: *I entered 66 and closest to it was 65 which has been provided in Printer screen*