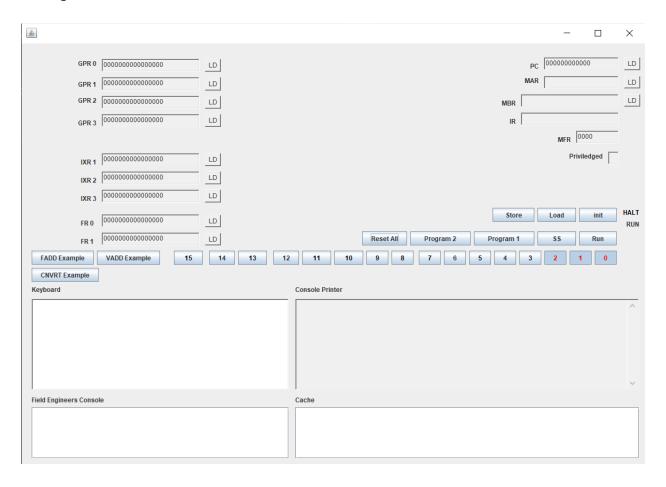# Machine Simulator – Instruction Guide Team 3

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Instructions on how to run the simulator:

1. Download the Zip from the blackboard, it will contain the following files
   - Project
     i. SimulatorXCSA-1.0-SNAPSHOT.jar
     ii. Program2.txt
     iii. sentence.txt
   - Group 3 Instruction guide
   - Source Code(SimulatorXCSA.zip)
   - Design Document
   - Program 1 capture(showing the demonstration that program 1 works)

2. Depending on your operating system follow the below given instructions.

3. <u>For Mac:</u>
   - Copy SimulatorXCSA-1.0-SNAPSHOT.jar file
   - Open terminal at that folder
   - Run the file using command: java -jar SimulatorXCSA-1.0-SNAPSHOT.jar

4. <u>For Windows:</u>
   - Copy SimulatorXCSA-1.0-SNAPSHOT.jar file
   - Execute jar file by double clicking on it.

5. Once the UI is loaded, click on Reset All button to reset the memory to empty and all register Values to 0.

6. Click on the VADD Example/FADD Example/CNVRT Example button.
7. Enter Run/SS to execute examples of requested commands.
8. Video Attached showing execution.
9. To open the project file, unzip "SimulatorXCSA.zip" file and open the folder in Netbeans or any other supported IDE. Run "Simulator.java" file from IDE to execute project from IDE. The code has been compiled using JDK 1.8.