**How to run this simulator?**

There are three ways in which you can run this simulator:

**(1) To compile the source code in Netbeans IDE**

1. Download and install the latest version of JDK from: <http://www.oracle.com/technetwork/java/javase/downloads/index.html>

2. Download and install the latest version of Netbeans IDE from: <https://netbeans.org/>

3. Download the source project from: <https://github.com/siddhantkulkarni/cachecoherencesimulator.git> OR <http://www.siddhantkulkarni.com/aca/CacheCoherenceSimulator.rar>

4. Launch Netbeans IDE

5. Select “File -> Open Project”

6. Navigate to the location where you have downloaded the project

7. Run the file: SimulatorWindow.java

**(2) To run the JAR file**

1. Download and install the latest version of JRE from: <http://www.oracle.com/technetwork/java/javase/install-windows-141940.html>

2. Download the JAR file from: <https://github.com/siddhantkulkarni/cachecoherencesimulator.git>

OR <http://www.siddhantkulkarni.com/aca/CacheCoherenceSimulator.jar>

3. Double click on the JAR file.

**(3) To run it on Hydra**

1. Install Xming server: http://pds.ucdenver.edu/document.php?type=software&name=xming

2. If you are using PuTTY: Go to Connections -> SSH -> X11 -> Check Enable X11 forwarding

3. Go back to Session and log in to Hydra using your credentials.

4. Run the following command:

java -jar /home/ca-projects/team04/CacheCoherenceSimulator.jar

Once you see the simulator window, enter in required values and begin execution. For more info on how to use the simulator, please check out our presentations and report here: <http://www.siddhantkulkarni.com/ACA.html>