How to compile and run

To compile the project successfully, you need JDK (version 1.8.0_144) installed on the computer. Following are the steps for running server codes and client codes:

1. From command window, "**cd**" to "codes" folder, then compile .java files:

```
javac *.java
```

2. Start the centralized server:

```
java CentralizedServer
```

3. Open 4 (four) new command windows. From each of those command windows, "**cd**" to "codes" folder. Then, run the processes:

```
java Process
```

So, there will be 4 processes running simultaneously. When you are asked for process id, give id values starting from 0. Process id with 0 will be considered as time-daemon in Berkeley time-synchronization algorithm.

Notes: Currently, the processes will synchronize themselves once in every 10 seconds, and then use vector clocks algorithms for totally ordered multicasting.