COMPSCI 711 A1 report

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My code is for Option 1.
There are 2 way that can run the program.
1. Double click to run the _cnd.bat file
2. Open 3 separate IDE so that can run the 3-java file separately.
   Remember: the running order for the java files are ServerCND.java -> Cache.java -> ClientCDN.java
   All the actions will displace on ClientCDN.java, and there only a button called clearCache in Cache GUI framework.

Most of the contents should be acted the same as what the A1 described.
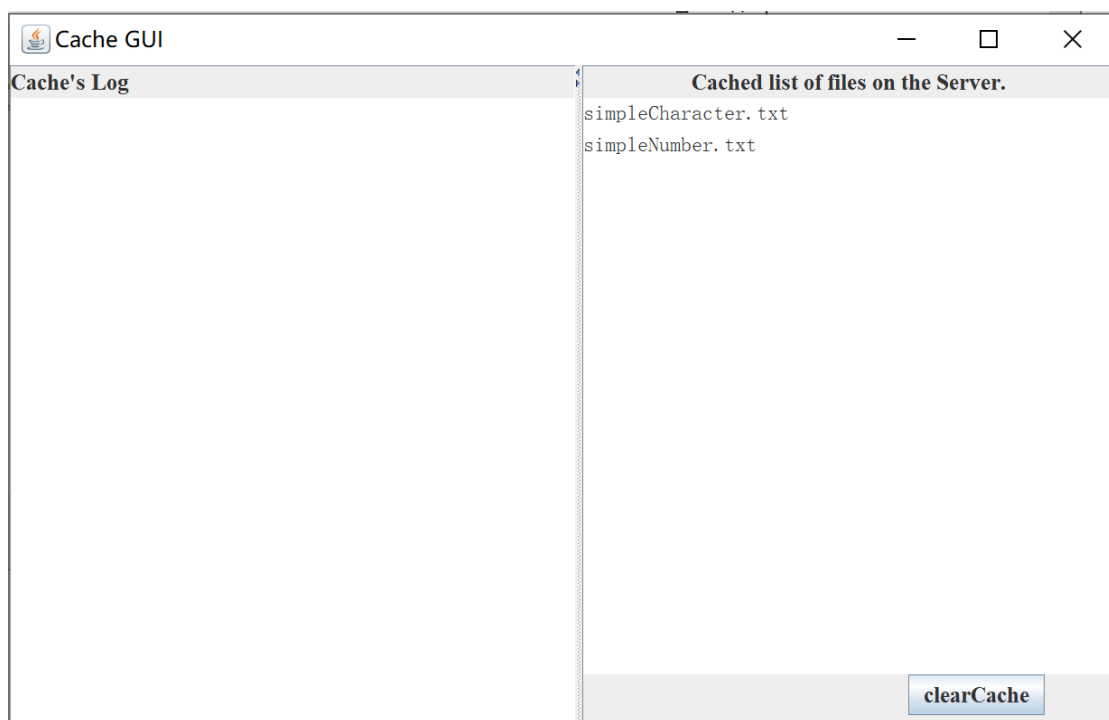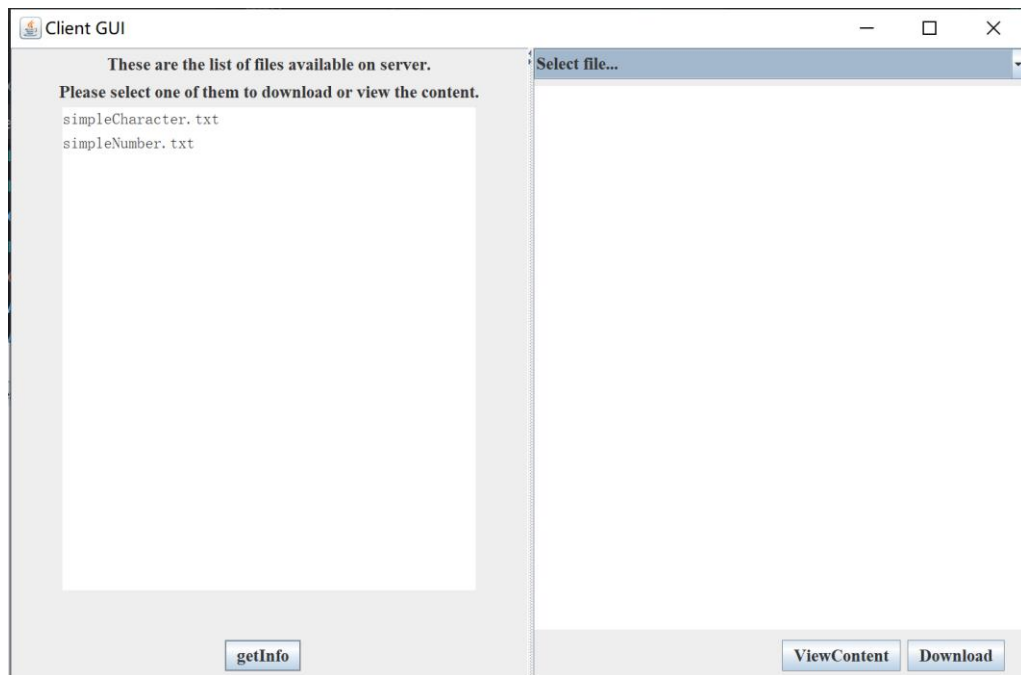There are 2 different things:
1) Once open the ClientCDN, it won't automatically get the list of available files on Server, instead, the user has to click the getInfo button to get the list of files once; if want to renew the showed list of files, the user has to click the getInfo button again.
2) For the selected file option, I display it as a JComboBox, so just click the JComboBox on the top right, then the user can choose which file to view content, or download.

Something need to be notify:
1) I only set that once close the ClientCDN frame, then automatically close the Cache frame, and also exit the ServerCDN program.
2) There is no CacheFile folder in the zip I provide, I store the user needed filename and its corresponding fileContent in two separate ArrayList, which filenames are in cachedFileNameList (ArrayList<String>) and file contents are in cachedFileContentList (ArrayList<byte[]>).

Here are the 2 started frames for Cache and ClientCDN after click getInfo Button one time.

There will be another two java files called Client.java and Server1.java, they are the connection way between Client and Server, just in case the Cache does not work perfectly.

The running order is that Server1.java -> ClientCDN.java

There also a _singleConnection.bat for this running.