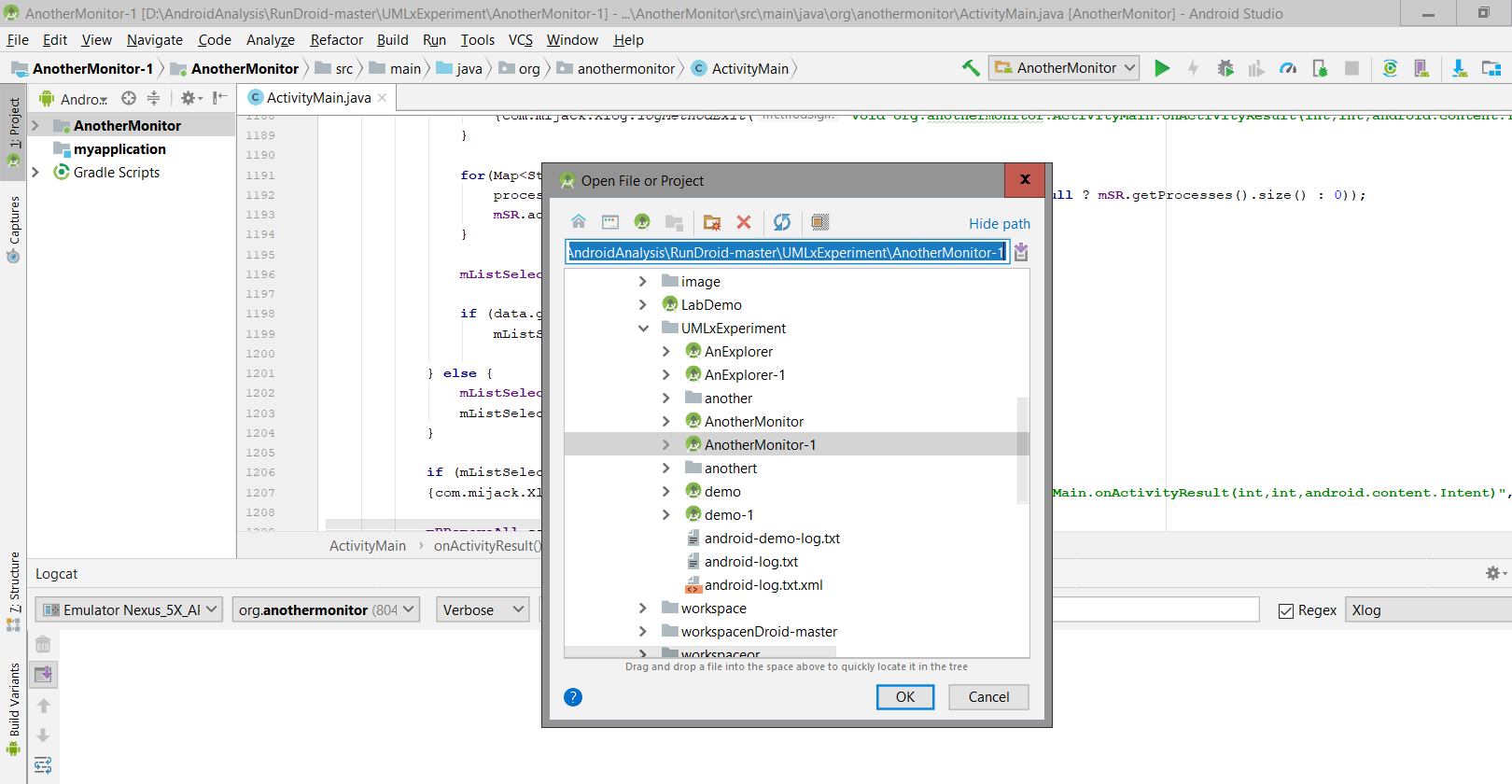
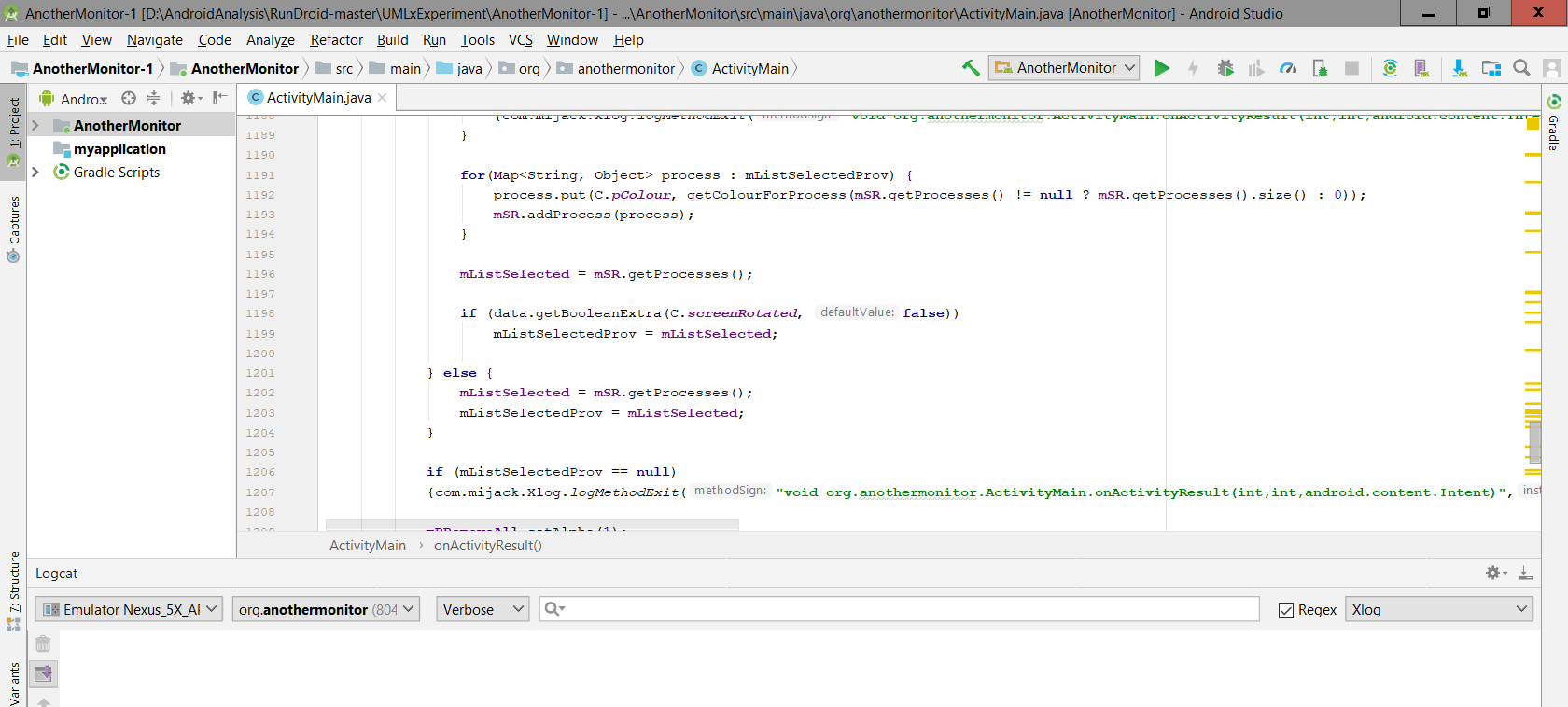
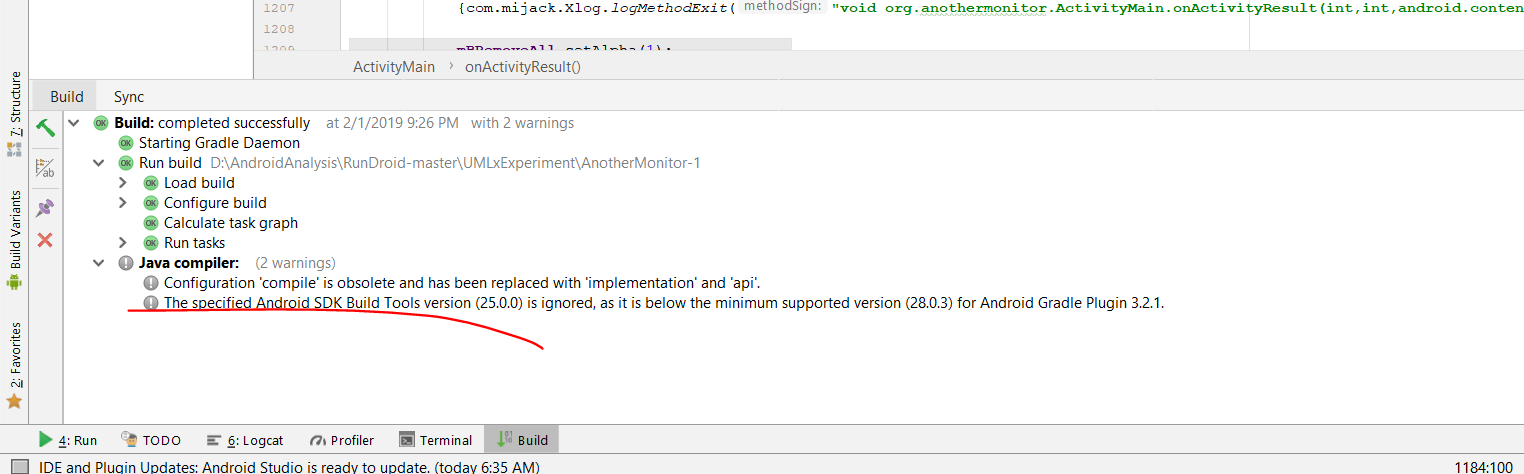
1. Download Android studio from online and install.
2. Import the android project.

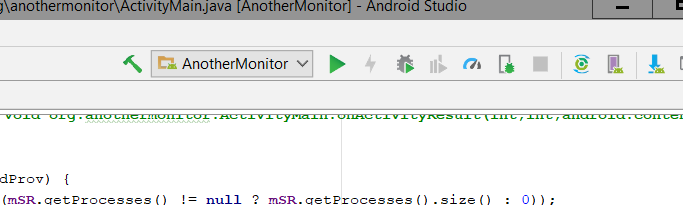


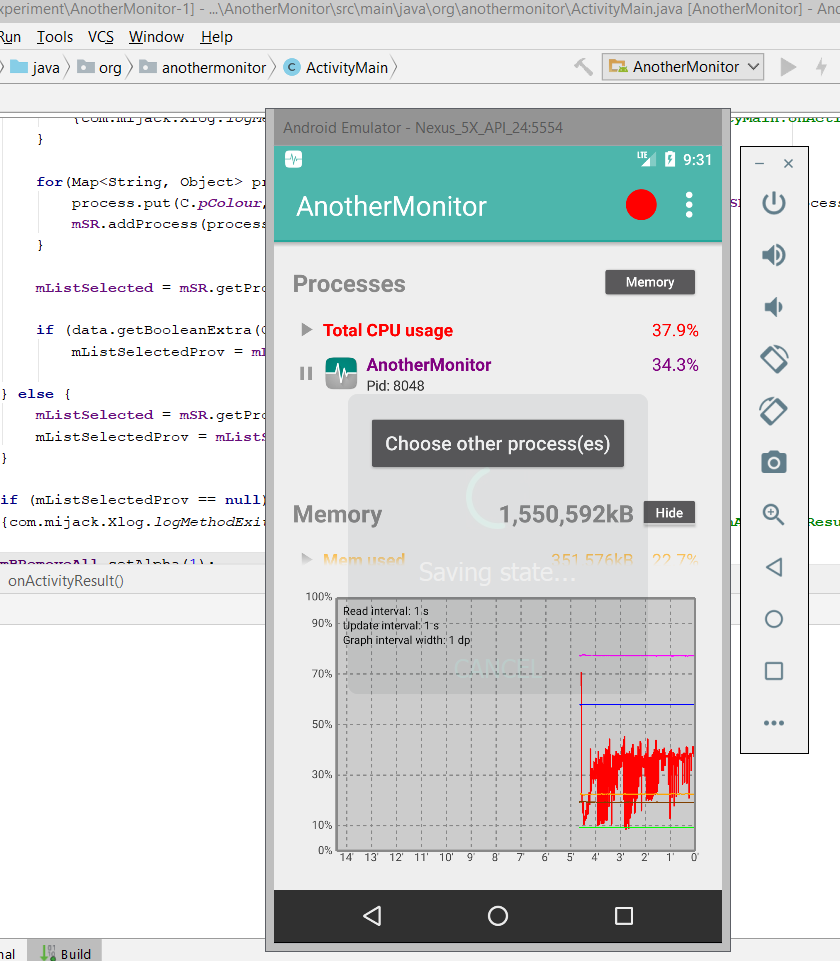


1. Solve any issues it may have from the build logs.

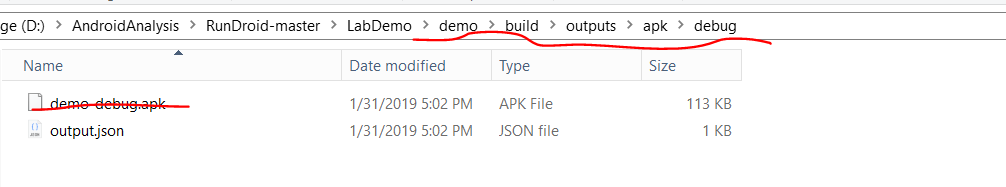


1. Compile and run the project



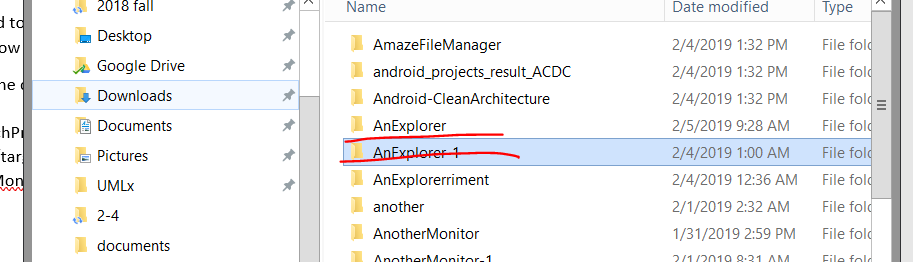


3. Export the apk following the path:



After we run compile the apps, we will need to insert the probes into the source code and establish the instrumented apps. Following the steps below to instrument the android apps.

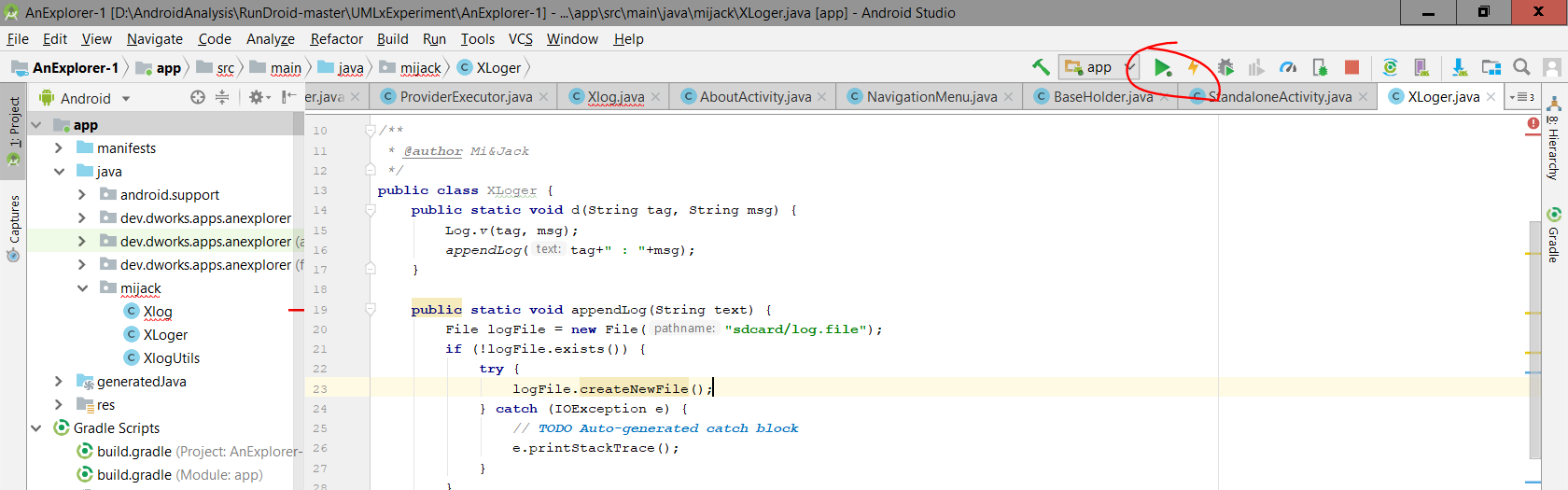
1. Create copy of the compiled project, for example, as below:



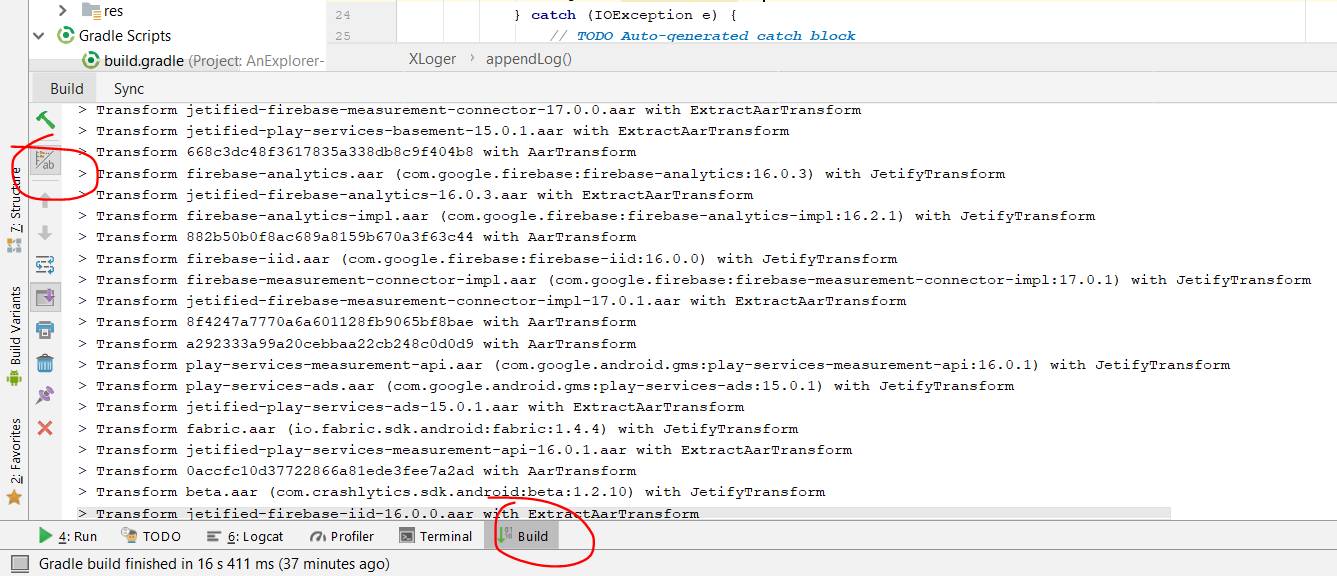
1. Instrument the source code using the command as below:

java -jar D:/ResearchSpace/ResearchProjects/UMLx/facility-tools/FaultProject/SourceInstrumt/target/SourceInstrumt-jar-with-dependencies.jar -java-input ./UMLxExperiment/AnotherMonitor/AnotherMonitor/src -java-output ./UMLxExperiment/AnotherMonitor/AnotherMonitor/src

1. Import the instrumented app into android studio and try to compile them again.



1. If there are any compilation issues (check as follows), try to solve them until they are successfully compiled:



For example, some errors could be:

