Intended Learning Outcome Session 1

The purpose of today’s module is to give the student the development environment needed for Android app developing. The environment is tested by creating several simple apps and trying them out

# Concepts:

Android, android studio, manifest, debugging and logging

# Intended Learning Outcome

It is expected that the students after today’s session is able to

* Have an overview over what the course is about and can explain it to a fellow student
* Has hello world up and running on both emulator and target (if available)
* Have tried several simple applications on both targets
* Know how to launch the debugger
* Have tried to use the debugger both on emulator and target (if available)
* Have tried to use the built-in logging system
* Explain what kind of resources are possible to use in an Android application
* Explain to a fellow student why resources are needed
* Explain what permissions are and how they are used

# Literature

1. <http://developer.android.com/develop/index.html> goto page regarding Android
2. <https://developer.android.com/guide/topics/resources/index.html> introduction to resources in Android
3. <https://developer.android.com/guide/topics/manifest/manifest-intro.html> description of the manifest and how it is used
4. <https://developer.android.com/guide/topics/permissions/overview> the new permission model which you must use in android development