

Mandatory reading (“pensum”) for the examination in

Mobile app development Spring 2021

Online material:

- <https://developer.android.com/guide/components/activities/intro-activities>
- <https://developer.android.com/guide/components/activities/activity-lifecycle>
- <https://developer.android.com/guide/topics/ui/ui-events.html>
- <https://developer.android.com/guide/topics/ui/declaring-layout>
- <https://thedeveloperworldisyours.com/android/singleton-in-android/>
- <https://www.vogella.com/tutorials/AndroidIntent/article.html> sections 1 and 2
- <https://developer.android.com/reference/android/content/Intent>
- <https://developer.android.com/guide/components/intents-filters.html> and <https://developer.android.com/guide/components/intents-common.html>
- <https://developer.android.com/guide/webapps/webview>
- <https://developer.android.com/guide/components/processes-and-threads.html>
- <https://developer.android.com/guide/fragments>
- <https://developer.android.com/guide/fragments/create>
- <https://www.vogella.com/tutorials/AndroidFragments/article.html> (Section 1 and 3)
- <http://developer.android.com/training/basics/fragments/communicating.html>
- <https://docs.oracle.com/javase/tutorial/essential/concurrency/index.html> (Sections Concurrency, Processes and Threads and Defining and Starting a Thread)
- <https://developer.android.com/guide/topics/ui/layout/recyclerview>
- <https://docs.oracle.com/javase/tutorial/essential/concurrency/syncmeth.html>
- <https://docs.oracle.com/javase/7/docs/api/java/util/Observable.html>
- <https://docs.oracle.com/javase/7/docs/api/java/util/Observer.html>
- <https://developer.android.com/guide/components/processes-and-threads.html>
- <https://developer.android.com/training/data-storage>
- <https://developer.android.com/reference/android/database/Cursor.html>
- <https://developer.android.com/training/data-storage/sqlite>
- https://www.w3schools.com/js/js_json.asp
- <https://kotlinlang.org/docs/basic-syntax.html>
- <https://kotlinlang.org/docs/null-safety.html>
- <https://developer.android.com/kotlin/common-patterns>
- <https://developer.android.com/guide/navigation/navigation-getting-started>

Notes

Notes on Concurrency:

- concurrency1.pdf (learnIT section Class 1)
- concurrency2.pdf (learnIT section Class 2)
- concurrency3.pdf (learnIT section Class 5)

Chapters from “*Android Programming. The Big Nerd Guide*”: Chapter 2 (in YourFirstAndroidApplication.pdf in section “To do before first class” on learnIT).

learnIT

- Copies of slides from lectures and material on weekly work plans.