- Handling pictures in Tingle
  Jonas Specht
- Lifecycle --- chapter 3 in the textbook
  Activities
  Fragments
- Examination
  Mandatory reading
  Exam questions
  Advice
- On Danish oral examinations (for newcomers)

June 15,17:00: Extra "class" ("spørgetime") in Aud 2
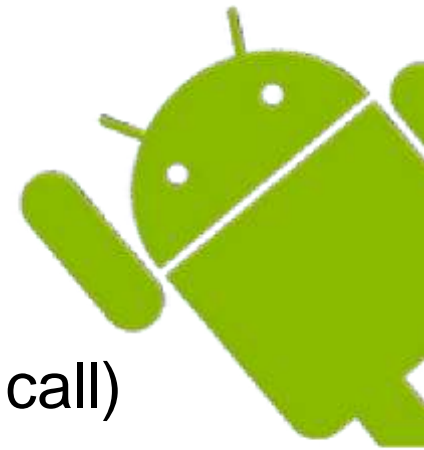June 22 – June 28: Examination – schedule in learnIT

Lifecycle of an Activity

Why not just a main()?

typically many apps coexist
one may interupt another (e.g. phone call)
Android system may kill an app
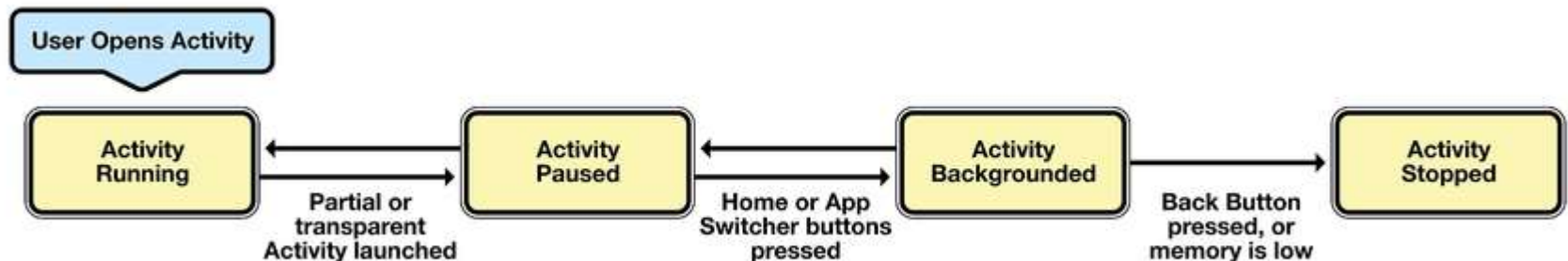different UI in landscape and portrait

=>

listeners (button, location change, …)
several states of an app

App starting methods

OnCreate ---- create and prepare to display
        creating views, initializing variabeles
        starting background thread

OnStart --- becoming visible
        refreshing views

OnRestart --- prepare to display

OnResume --- starting interacting
        listening for GPS updates, display dialogs,
        starting animations

http://stackoverflow.com/questions/8515936/android-activity-life-cycle-what-are-all-these-methods-for

OnPause --- stop interacting
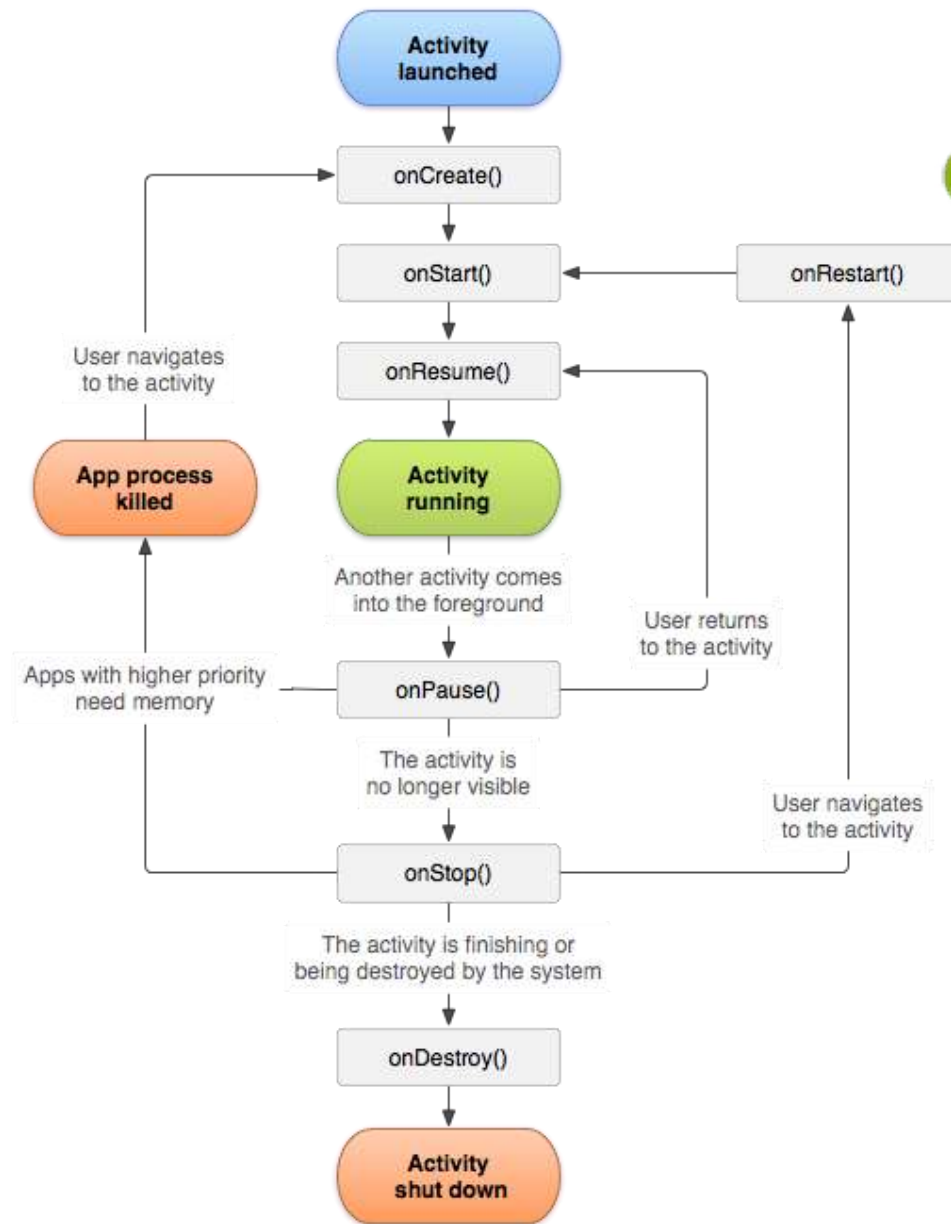   saving persistent data, dismissing dialogs, clean up

OnStop --- becoming invisible
    stop listening for GPS

OnDestroy --- dying
    may not be called !!!

Do chapter3 // experiment with the code in learnIT (ActivityDemo)

Activity states

Fragment lifecycle --- textbook Figure 7.12

http://www.tutorialspoint.com/android/android_fragments.htm

Second Mandatory Assignment

Tingle

Where are my keys

resubmission before **May 19 24:00** (May 20 (00:00))

Examination

The exam questions (10) and
list of mandatory reading are in readIT

prepare a short presentation for each question

Schedule will be announced in learnIT (next week)

Use learnIT forum to help each other

June 15,17:00: Extra "class" ("spørgetime") in Aud 2

1. Draw one of the announced questions

2. Present what you know
   use your own words
   be concrete
   use examples e.g. from your assignment

3. Questions or interuptions
   listen to the question (no panic)

4. External examiner says OK (done)

5. Grading (wait outside)

6. You get the grade