Here you can find some links that I’ve promised to send:

* Basic understanding of background operations
  + <https://github.com/codepath/android_guides/wiki/Managing-Threads-and-Custom-Services>
  + <https://code.tutsplus.com/tutorials/android-from-scratch-background-operations--cms-26810>
* AsyncTasks
  + <https://developer.android.com/reference/android/os/AsyncTask.html>
* Services
  + <https://www.tutorialspoint.com/android/android_services.htm>
  + <https://github.com/StackTipsLab/Android-Service-Example> (started)
  + <http://startandroid.ru/ru/uroki/vse-uroki-spiskom/159-urok-94-service-podrobno-pro-onstartcommand.html> (onStartCommand flags)
  + <http://www.concretepage.com/android/android-local-bound-service-example-with-binder-and-serviceconnection> (bound)
  + <http://startandroid.ru/ru/uroki/vse-uroki-spiskom/165-urok-100-service-intentservice-foreground-avtozagruzka-servisa.html>  (IntentService)
* HaMeR (Handler-Message-Runnable)
  + <http://stackoverflow.com/questions/12877944/what-is-the-relationship-between-looper-handler-and-messagequeue-in-android>
  + <https://code.tutsplus.com/tutorials/concurrency-on-android-using-hamer-framework--cms-27129>

Also it would be nice if you google next things (optional):

* Threads (это важно :) )
* Loaders
* ExecutorService
* Retrofit 2(1.9) vs Volley (differences)

For TODO task you could implement one or two background operations (your choice) in your project.

If you have any doubts, concerns or questions, you’re welcomed :) and you can find me on 4th floor.

Kind regards,

Maria