



Task: Java android is your friend - 2h task

Please install on your computer: Android studio and an Android emulator

Please write Java code (no Kotlin).

The app should be able to run on every device from Android 5.0 on.

Part 1. Native android

- 1.1 Create an activity which loads data from this URL
<https://jsonplaceholder.typicode.com/albums>
(Please do not use libraries like Retrofit, OkHttp or GSON for the network code, only classes from the `java.*`, `android.*` or `org.json.*` packages.)
- 1.2 Find a way to render the album titles sorted by ID into a view, which is scrollable (even if they are already sorted) . You can use libraries like RecyclerView for this.

Part 2. Services

- 2.1 Build a BroadcastReceiver that listens to the Intent with the action `USER_PRESENT`.
Please note: there is no need to create an Intent with action `USER_PRESENT`, please use the existing one.
- 2.2 Implement a background task (for example: JobScheduler or background service) that runs periodically
- 2.3 Every time the background task runs, create a push notification that shows the user how long the phone was active since the Intent was triggered (the time should be updated every few seconds)

Have fun and good luck 😊