

Mobile Computing

Practice # 6

Broadcast Receivers, Services

1. a) Create an Activity that starts a service (and can also stop it). Create also the service that should generate a location (latitude and longitude) and emit a notification associated with the URI `geo:lat,long`. The latitude and longitude should be expressed in decimal degrees, and the intent action of the notification should be the predefined String `Intent.ACTION_VIEW`.

The notification will start the maps application available in the emulators with the Google API library (you should install the Google API library and generate such an emulator, if not available).

- b) Substitute the service by a broadcast receiver and the activity by an alarm (which should be programmed by an activity, anyway).