

## Android.

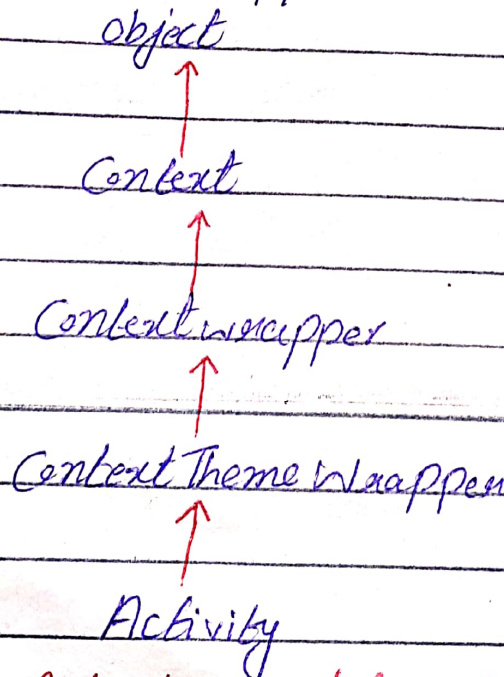
What is activity & activity lifecycle?  
Activity:-

An Activity is the single screen in android. It is like window or frame of java.

By the help of activity, you can place all your UI components or widgets in a single screen.

### Android Activity Lifecycle.

Android activity lifecycle is controlled by 7 methods of android.app.activity class. The android activity is the subclass of ContextThemeWrapper class.

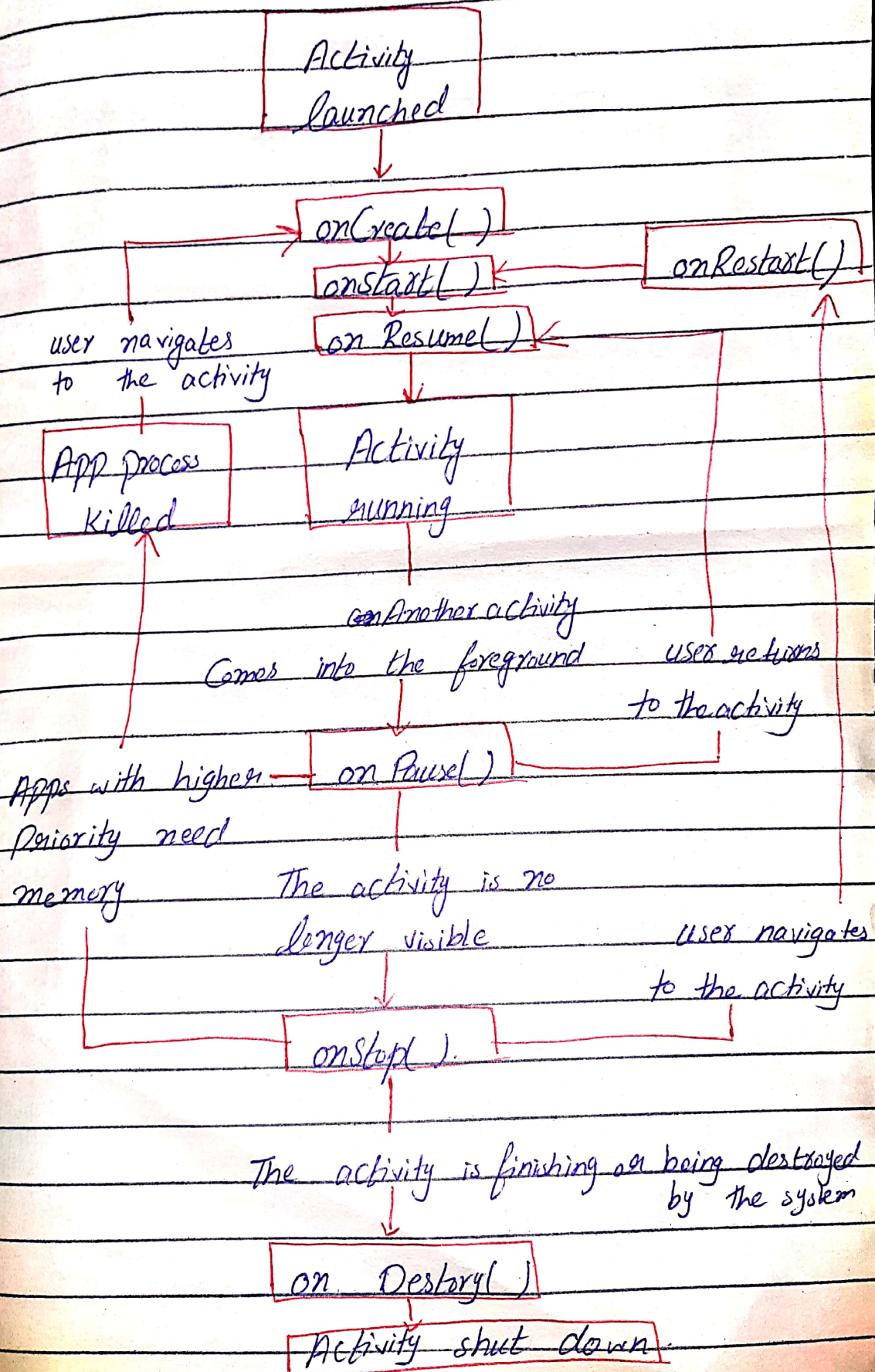


Android Activity Lifecycle methods / Events:-

Method	Description
<code>onCreate()</code>	Called when activity is first created.
<code>onStart()</code>	Called when activity is becoming visible to the user.
<code>onResume()</code>	Called when activity will start interacting with the user. OR user starts interacting with the app.
<code>onPause()</code>	Called when activity is not visible to the user. OR current activity is being paused and previous activity is being resumed.
<code>onStop()</code>	Called when activity is no longer visible to the user.
<code>onRestart()</code>	Called after your activity is stopped, prior to start OR <sup>called</sup> when the activity restarts after stopping it.
<code>onDestroyed()</code>	Called before the activity is destroyed.



# flowchart



The `onCreate()` & `onDestroy()` methods are called only once throughout the activity lifecycle.