Android Application Development HW13

108820018 電資三 蔡翔宇

09.1

1. In which lifecycle method do you save the app state to shared preferences?

* onPause()

1. In which lifecycle method do you restore the app state?

* onCreate()

1. Can you think of a case where it makes sense to have both shared preferences and instance state?

* When app contains both temporarily and long-term data

09.2

1. In which file of the DroidCafeWithSettings project do you define the array of entries and the array of values for the ListPreference? Choose one:

* strings.xml

1. In which file of the DroidCafeWithSettings project do you use the array of entries and the array of values in setting up the ListPreference, and also set the ListPreference key and default value? Choose one:

* pref\_general.xml

1. How do you set up a settings Activity and a Fragment with a SwitchPreference for the UI, and still remain compatible with the [v7 appcompat library](https://developer.android.com/topic/libraries/support-library/features.html#v7-appcompat) for backward compatibility with older versions of Android?

* Use a settings activity that extends AppCompatActivity, a fragment that extends PreferenceFragmentCompat, and a SwitchPreferenceCompat for the UI.