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**Android fundamentals 09.1: Shared preferences**

### Question 1

* **In which lifecycle method do you save the app state to shared preferences?  
  onPause(), putInt(), apply()**

### Question 2

* **In which lifecycle method do you restore the app state?  
  Use any of the "get" methods on a shared preferences object to retrieve preference data.**

### Question 3

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

**Android fundamentals 09.2: App settings**

### Question 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

### Question 2

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

### Question 3

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.