**1.Make sure your app is not on the previous activities list from a previous run, and make sure you’ve turned on the developer option discussed in Lab 0 and in class. Run your app. Examine the notifications by pulling down the notification bar. Which class are they from? Are you surprised they don’t say Tracer Activity ? Do the notifications show any content in the incoming bundle (from a previous existence of the class) or not?**

The notifications are from MainActivity, Im not surprised they aren’t from tracer activity because even though those methods are defined in the tracer activity class, they are being used in mainactivity when the app starts. There is no content from the incoming bundle because the app started from fresh.

**2. Dismiss the current notifications at this point so you don’t get confused. Rotate the Android and examine the system notifications again. In what order were the lifecycle methods called (be careful here and think about what you are seeing)?**

onStart, onCreate (with state), onStop, onSaveInstanceState, onPause

3. **What keys were found in the Bundle passed to onCreate? It’s not anything you stored in that Bundle, so can you guess what the content of the first one represents (ignore the second one – it is new and is something we’ll talk about later)?**

key:android:fragments, key:android:viewHierarchyState: Im going to guess that the content inside the fragment key is the information about the view and layout.

**4. Rotate back. Clear the notifications. Enter a name and press the Take Survey button. Take a quick**

**peak at the notifications and then dismiss them. Enter an age and press Submit, taking you back to**

**your main activity. Was your main activity re-created? How do you know?**

The mainactivity was recreated with through the onCreate (with state) method, I know it was recreated because it went through the onCreate method.

**5. Exit your app and clear the notifications. Run your web browser once in order to get past the location nag, then exit it (it doesn’t matter how you answer its question). Make sure there are no apps on the recent activities list. Run your app, type a name in the box, and press the Goto Website button (NOT the Take Survey – if you do, you’ll have to start over), and share the page with your App (from your browser menu). What does the content of your main screen AND the notifications tell you about this instance of your app? There are clues in both places so answer both.**

My name disappeared and I noticed there are two instances of my app running now, so im assuming that leaving via the goto website option and then sharing the page created a new instance of the app. The notifications tell me that onSaveInstanceState was called but it doesn’t seem to have saved the state with my name correctly. So im not sure if I missed something here or if that’s what supposed to happen.

**6. Press the Android recent apps button. What you see is slightly different between API 19 and API 21,**

**but in either case should confirm your previous answer. Does the list of recent apps make sense? No**

**answer is required for this question.**

**7. Press the back button to get back to your last Activity. It should be your app. Press the back button**

**again. On API 21 this should take you to Android, and on API 19 it should take you to the browser.**

**Either one makes sense depending on your point of view. What I find odd is that the recent apps**

**screen on API 19 makes more sense with the back behavior on API 21, and vise-versa. It’s like they**

**changed their mind in both cases, creating the opposite inconsistency. Sigh. If what I’m saying is**

**gibberish to you, never mind. Or ask for a demo of the two cases in class. In any event, I hope what**

**you’ve seen makes some sense to you. If not, sorry. I did warn you what you were in for.**