455/555 Week 7 Review (Layouts, Intents, Android Life Cycle, Logcat, General questions)

1. A(n) \_\_\_\_ is a container that can hold as many objects as needed.

a. emulator b. layout c. switch d. workspace

2. When you create a new project with an Empty Activity, what is the default object(s) and/or widget(s) placed into the emulator window is a \_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Button | c. | TextView control |
| b. | CheckBox control | d. | EditView control |

3. We can access the activity\_main.xml resource file from the layout directory using the expression \_\_\_\_\_\_\_\_\_\_\_.

4. A(n) \_\_\_\_ organizes layout components in relation to each other.

a. Extensible layout b. Graphical layout c. Linear layout. d. Relative layout

5. \_\_\_\_ is not a valid measurement unit for text display.

a. dp or dip b. mm c. px. d. sp

6. If an application has more than one Activity, the Android Manifest file may have a(n) \_\_\_\_ to navigate among the multiple activities.

a. activity manager b. intent c. placeholder d. pointer

7. What root node is required for the strings.xml file?

8. The entry point of an Activity is the \_\_\_\_ method.

a. begin b. onEntry c. onCreate d. prepare

9. The \_\_\_\_ method displays the content of a specific screen.

a. drawContents b. getDisplay c. makeDisplay d. setContentView

10. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ method creates an intent to start another activity.

11. The \_\_\_\_ property can center a control horizontally as well as position it at other places on the screen.

a. elastic b. gravity c. rubber band d. stretch

12. A color has been defined in colors.xml using <color name="myColor">#33FD42</color>. How would you use it?

1. @color/myColor
2. @color/33FD42

c. color/myColor

d. color/33FD42

13. Which class do we use to send some output to Logcat?

1. Logcat b. System c. Print d. Log e. a or b

14. True or False. XML elements can be nested.

15. What is the only valid XML comment?

1. //comment. b. /\*comment\*/ c. #comment d. <!-- comment -->

16. The **onResume** method of the Activity class is called right after which method?

17. The \_\_\_\_\_\_\_\_\_\_\_\_ method of the Activity class is called when an activity becomes invisible to the user.

18. Show how you “put” a string named myName into an intent object named myIntent? Label your name

value, “String Name”. Fill in the blanks below.

myIntent.putExtra( \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ );

19. What are intents useful for? Name at least 2 major uses.

20. **SeekBar.OnSeekBarChangeListener** is a callback that *notifies* clients when the progress level has *changed* for the seek bar control by touch gestures, arrow keys/trackballs, etc. and has three possible abstract methods that need to be overriden for implementation. Two of the methods are **onStartTrackingTouch** and **onProgressChanged** as shown below. Can you name the third needed overriden method to implement in the underlined portion below?

abstract void **onProgressChanged**(SeekBar seekBar, int progress, boolean fromUser)

Need: Notification that the progress level has changed.

abstract void **onStartTrackingTouch**(SeekBar seekBar)

Need: Notification that the user has started a touch gesture.

abstract void \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(SeekBar seekBar)

Need: Notification that the user has finished a touch gesture.