IN-LECTURE QUESTIONS FOR VIDEO 4.5

Note: See the answer key at the bottom of this file.

1. Check all that apply. Java code written on the same line after "//"
   a. Will cause a compile error and a message in the problems view
   b. Is completely ignored by the compiler because '//' means a comment follows
   c. Does not need to be correct
   d. Will never be executed (run)

2. Correct indentation of Java code:
   a. Helps make code more readable to humans, but is unimportant to the compiler
   b. Helps make code more readable to the compiler, but is unimportant for humans

3. Correct indentation and formatting of Java code:
   a. Must be tediously and manually fixed
   b. Can be fixed automatically using the "Format" menu item in the "Source" menu

4. Newlines inside string.xml values are treated as simple whitespace (i.e., spaces). To make the subsequent line of text appear on the next line you need to end the previous line with
   a. &nl;
   b. &newline;
   c. \n
   d. /n
   e. &n

5. The directory drawable-mdpi is for devices with approximately:
   a. 120 pixels per inch
   b. 160 pixels per inch
   c. 240 pixels per inch
   d. 320 pixels per inch

6. Every view inside a layout should specify:
   a. android:layout_width
   b. android:layout_height
   c. Both of the other options are correct

7. True or False? To describe a relative positioning, such as "layout_below," at least 1 view must define an android:id.
   a. True
   b. False

8. When creating a relative constraint, it is best practice to refer to view ids that are:
   a. Declared earlier in the layout file
   b. Declared later in the layout file

9. Check the start and end tags of the following xml examples, and select the xml examples that are valid.
a. <one><two><two/><one/>
b. <ho><hum></hum></ho>
c. <a>
d. <aa><bb/></aa>
e. <banana/>
f. <tomato\>
g. <grape></grape>
h. <apple><\apple>

10. Which of the following need an xml close tag?
    a. <bingo>
    b. <banjo/>
    c. <drum><hihat></hihat>
    d. <bird/>

11. Which of the following are equivalent to <abc/> ?
    a. <abc></abc>
    b. <abc><abc/>
    c. <abc>

12. The android:layout_height="0dp":
    (**Hint:** There may be more than 1 correct response.)
    a. Means the view will be invisible.
    b. Is an invalid height value for relative and linear layouts.
    c. Is a common practice and often seen in relative and linear layouts.
    d. Means the height of the view can be changed later due to other layout constraints.

13. To rename an image filename:
    a. Use the refactor menu or "refactor" option when (Control/right-)clicking on the filename in the package view.
    b. Use the "rename" option under the Project menu.
    c. Files cannot be renamed using Eclipse.

14. If a layout's image is missing a contentDescription attribute:
    a. A logcat error can be generated
    b. A lint warning can be generated
    c. A message in the device's view can be generated.
    d. No errors or warnings will be reported.

15. True or False? Eclipse can reformat and indent my xml files for me so that they are more readable.
    a. True; use the Source menu
    b. False

16. Which of the following is equivalent to 3 inches (approximately 7.5cm)?
    a. 120dp
    b. 160dp
    c. 320dp
    d. 480dp
    e. 640dp

17. 160dp is equivalent to:
    a. 1 inch (approx. 2.5cm)
    b. 160 pixels
    c. 320 pixels

ANSWER KEY:

1. b, c, d
2. a
3. b
4. c
5. b
6. c
7. a
8. a
9. b, d, e, g
10. a, c
11. a
12. c, d
13. a
14. b
15. a
16. d
17. a