

IN-LECTURE QUESTIONS FOR VIDEO 2.2

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

1. The File Explorer view:
 - a. Can show directory listings of a connected real phone and emulated phone
 - b. Can be used to pull from, or push files onto the device
 - c. Both of the other options are correct
2. The Android operating system is based on which one of the following?
 - a. Windows 95
 - b. OSX
 - c. BSD
 - d. Linux
 - e. Plan 9
3. New directories manually created alongside src/ gen/ res/ etc.:
 - a. Are discovered by the build tools and automatically included inside the app
 - b. Are ignored by the build tools and their contents are not included in the app
4. The maximum amount of available memory for an app on some devices is:
 - a. 16 MB
 - b. 128 MB
 - c. 512 MB
5. An image is 3000 by 3000 pixels. Roughly how many MB of memory are required? (Assume 4 bytes per pixel). Pick the closest answer.
 - a. 9 MB
 - b. 18 MB
 - c. 36 MB
 - d. 72 MB
6. Which of the following are valid hexadecimal (base 16) numbers? Check all that apply.
 - a. 123456
 - b. ba23t
 - c. 7fd3
 - d. 7gd3
 - e. baadf00d
 - f. cafebabe
 - g. deadbeef
 - h. deadc0de

7. Which of the following are true for the "R file"? Check all that apply.
- a. Unless there's an error with a resource, it is usually automatically updated when new resources are added or modified inside the "res" folder.
 - b. The names defined in the R file must be set manually.
 - c. The values defined in the R file must be set manually.
 - d. Images inside the res/drawable-... directories are given an entry inside "drawable" innerclass of R.
8. An image "res/drawable-mdpi/banana_1.jpg" will create a R.java drawable entry called:
- a. banana
 - b. banana_1
 - c. banana_1.jpg
 - d. banana_1jpg
 - e. banana1jpg
9. Which of the following are valid filenames for a drawable resource? Check all that apply.
- a. IMG0123.jpg
 - b. 14242.JPG
 - c. photo16283.png
 - d. mango_1.jpg
 - e. banana-2.jpg
 - f. Apple3.png
 - g. apple4.png
10. Complete the following to correctly refer to the Plato image:

`<ImageView _____="@drawable/plato" />`

- a. src
- b. android:href
- c. android:source
- d. image
- e. android:src

ANSWER KEY:

1. c
2. d
3. b
4. a
5. c
6. a, c, e, f, g, h
7. a, d
8. b
9. c, d, g
10. e