

## IN-LECTURE QUESTIONS FOR VIDEO 6.1

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

1. True or false? Even if you haven't programmed before you can still download Lawrence's projects and try changing them.
  - a. True
  - b. False
2. True or false? LinearLayout supports constraints such as "android:layout\_toRightOf" between different views .
  - a. True
  - b. False
3. Where would you would expect to see "xmlns:android" and "xmlns:tools" namespace definitions?
  - a. In the first tag of the layout xml file
  - b. In the end tag of the layout xml file
  - c. In the activity file after the import statements
4. If you change the first layout tag from RelativeLayout to LinearLayout:
  - a. You also need to rename the layout file
  - b. You also need to change the closing tag at the end of the file
  - c. The layout will not work in Android 2.2 devices
  - d. LinearLayout is deprecated (should be avoided in modern apps targeting Android SDK 19+)
5. Which of the following is true for LinearLayout?
  - a. LinearLayout supports vertical- and horizontal-based layouts.
  - b. The display order of views is the same as the order of the views in the xml file.
  - c. Both of the other options are true.
6. Write the missing code to set the linear layout to be vertical.

android:\_\_\_\_\_="vertical"

7. Which of the following defines a multiline text area?
  - a. `<MultiLineTextArea android:layout_width="match_parent"... />`
  - b. `<MultiLineTextArea android:layout_width="match_parent"...></MultiLineTextArea>`
  - c. `<EditText android:layout_width="match_parent" ... android:inputType='textMultiLine' />`
  - d. `<MultiLine android:layout_width="match_parent" ... android:inputType='textArea' />`

8. The soft (virtual) keyboard configuration depends on which EditText attribute?
- `android:inputType="textEmailAddress"`
  - `android:ems="10"`
  - `android:layout_width="match_parent"`
9. The `android:hint` attribute:
- Provides a password suggestion when the user forgets their password
  - Provides a description or purpose of the textfield when the textfield is empty
  - Provides anti-aliasing hints when text is displayed on low density devices
10. Which of the following is added to EditText to request that a specific EditText will receive keyboard input (focus)?
- `<requestFocus/>`
  - `android:requestFocus="true"`
  - `<RequestFocus android:input="true"/>`
11. Which EditText attribute describes the kind of input text (e.g. phone vs multi-line input)?
- `android:ems`
  - `android:keyboard`
  - `android:input`
  - `android:inputType`
12. Select the best response. The value of `android:hint`
- Can reference a string defined in `strings.xml`
  - Can be written directly (hard-coded) inside the layout xml
  - Both of the other options are correct
13. Write the missing code to set the EditText to facilitate multi-line text entry.

`android:inputType="_____"`

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**ANSWER KEY:**

1. a
2. b
3. a
4. b
5. c
6. orientation
7. c
8. a
9. b
10. a
11. d
12. c
13. textMultiLine