IN-LECTURE QUESTIONS FOR VIDEO 6.2

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

1. I assign an ID to my EditText as follows: `android:id="@+id/name"`
   Write the missing Java code to refer to this EditText from Java.

   ```
   findViewById(_____)
   ```

2. **Hint:** Read the question very carefully. Which one of the following is correct the Java method for the android:onClick="submitForm"?
   ```
   a. public void submitForm(view v) { ... }
   b. public void submitForm(View v) { ... }
   c. public void onSubmitform(view v) { ... }
   d. public void onSubmitForm(view v) { ... }
   ```

3. The XML attribute android:visibility="invisible" is equivalent to which one of the following :
   ```
   a. view.setVisibility(View.INVISIBLE);
   b. view.visibility=View.INVISIBLE;
   ```

4. Check all that apply. Visibility can be set to:
   a. GONE
   b. VISIBLE
   c. INVISIBLE
   d. NONE

5. To create a Toast message use:
   a. Toast.newToast
   b. Toast.createText
   c. Toast.makeText

6. Check all that apply. Which of the following are true?
   a. makeText() creates but does not display the toast message.
   b. Toast messages automatically dismiss (i.e. disappear) without waiting for a user interaction.
   c. Toast messages can be created using a Java string or using a String reference to Android resources.

7. True or false? The following code displays a short text message to the user.

   ```
   Toast.makeText(this.getApplicationContext(),R.string.thankyou,
   Toast.LENGTH_LONG);
   ```

   a. True
   b. False

8. The code `(EditText)` is an example of:
   a. Casting the result to the EditText type
   b. Valid XML but not valid Java
   c. It is not used in modern Android programming.

9. The Java code "`x = y`" means:
   a. Assign the result of the left-hand side to the variable named y
   b. Assign the result of the right-hand side to the variable named x

10. True or false? By default, field variables (such as EditText mComment in the video) point to nothing, i.e. are "null".
    a. True
    b. False

11. True or false? You can store 'null' inside variables that point to objects.
    a. True
    b. False

12. If the ID value cannot be found by findViewById then:
    a. The app will crash inside findViewById
    b. The method findViewById throws an exception
    c. The method findViewById returns null

13. The method findViewById normally appears _____ setContentView.
    a. before
    b. after

14. True or false? You can view the state (value) of variables when the debugger is paused.
    a. True
    b. False

ANSWER KEY:

1. R.id.name
2. b
3. a
4. a, b, c
5. c
6. a ,b, c
7. b
8. a
9. b
10. a
11. a
12. c
13. b
14. a