

***Android App Development 1st edition Franceschi Test
Bank***

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Chapter 01 - Quiz

Multiple Choice

1. Android apps can be distributed via:

- A) the App Store.
- B) the Android Market.
- C) Google Play.
- D) the Apple Store.

Ans: C

Complexity: Moderate

Ahead: Smart Phones and Their Operating Systems

Subject: Chapter 1

2. The programming language for Android app development is:

- A) Java.
- B) Python.
- C) C++.
- D) Perl.

Ans: A

Complexity: Easy

Ahead: Development Environment for Android Apps

Subject: Chapter 1

3. The red, green, and blue values of a gray shade are all equal. Including black and white, how many shades of gray are there?

- A) 8
- B) 256
- C) 16
- D) 16.7 million

Ans: B

Complexity: Moderate

Ahead: Our First App: HelloAndroid

Subject: Chapter 1

4. The name of the directory where we should place the icon file for the app is:

- A) drawable.
- B) raw.
- C) mipmap.
- D) values.

Ans: C

Complexity: Difficult

Ahead: The App Manifest and the Gradle Build System

Subject: Chapter 1

5. Which of the following defines a valid String element?

- A) <strings name="my_name">20dp</strings>
- B) <string name="my_name">20dp</string>
- C) <name string="my_name">16dp</name>
- D) <my_name name="string">16dp</my_name>

Ans: B

Complexity: Moderate

Ahead: Our First App: HelloAndroid

Subject: Chapter 1

6. The AppCompatActivity's direct superclass is:

- A) MainActivity.
- B) Activity.
- C) AppCompatActivity.
- D) Main.

Ans: B

Complexity: Moderate

Ahead: Our First App: HelloAndroid

Subject: Chapter 1

Short Answer

1. The strings.xml file contains _____ constants.

Ans: string

Complexity: Easy

Ahead: Our First App: HelloAndroid

Subject: Chapter 1

2. AVD stands for _____.

Ans: Android Virtual Device

Complexity: Easy

Ahead: Running the App Inside the Emulator

Subject: Chapter 1

True/False

1. True or False? It is possible to preview a GUI XML file inside the environment without running the app.

Ans: True

Complexity: Easy

Ahead: Our First App: HelloAndroid

Subject: Chapter 1

2. True or False? It is possible to filter the output inside Logcat.

Ans: True

Complexity: Easy

Ahead: Debugging the App with Logcat

Subject: Chapter 1

3. True or False? An XML element can have only 0 or 1 attribute.

Ans: False

Complexity: Easy

Ahead: Our First App: HelloAndroid

Subject: Chapter 1

4. True or False? We can test an app on a device only in vertical orientation.

Ans: False

Complexity: Easy

Ahead: Testing and Running the App on an Actual Device

Subject: Chapter 1

Chapter 1 eBook Quiz

Fill-in-the-Blank

1. We can access the activity_main.xml resource file from the layout directory using the expression _____.

<Answer: R.layout.activity_main>
<Complexity: Difficult>
<A-Head: Our First App: HelloAndroid>
<Subject: Chapter 1>

Fill-in-the-Blank

2. The colors.xml file contains _____ constants.

<Answer: color>
<Complexity: Easy>
<A-Head: Our First App: HelloAndroid>
<Subject: Chapter 1>

Multiple Choice

3. The int parameter of the setContentView(int) method represents:

- [1] a count.
- [2] a random integer.
- [3] a resource.
- [4] 0 or 1.

<Answer: 3>
<Complexity: Difficult>
<A-Head: Our First App: HelloAndroid>
<Subject: Chapter 1>

Multiple Choice

4. What hex number represents green?

- [1] FF0000
- [2] 00FF00
- [3] 0000FF
- [4] 000000

<Answer: 2>
<Complexity: Moderate>
<A-Head: Our First App: HelloAndroid>
<Subject: Chapter 1>

Multiple Choice

5. A color has been defined in colors.xml using <color name="myColor">#33FD42</color>. How do you use it?
- [1] @color/myColor
 - [2] @color/33FD42
 - [3] color/myColor
 - [4] color/33FD42

<Answer: 1>
<Complexity: Moderate>
<A-Head: Our First App: HelloAndroid>
<Subject: Chapter 1>

True/False

6. It is possible to run an app inside the emulator in horizontal orientation.

<Answer: True>
<Complexity: Easy>
<A-Head: Running the App Inside the Emulator>
<Subject: Chapter 1>

Multiple Choice

7. Which class do we use to send some output to Logcat?
- [1] Logcat
 - [2] System
 - [3] Print
 - [4] Log

<Answer: 4>
<Complexity: Moderate>
<A-Head: Debugging the App with Logcat>
<Subject: Chapter 1>

True/False

8. It is possible to set up breakpoints throughout the code so that we can debug the app.

<Answer: False>
<Complexity: Easy>
<A-Head: Using the Debugger>

<Subject: Chapter 1>

Multiple Choice

9. In order to test an app on a device, we need to:

- [1] do nothing.
- [2] download a driver for the device.
- [3] disconnect the device from the computer.
- [4] download a device for the driver.

<Answer: 2>

<Complexity: Moderate>

<A-Head: Testing and Running the App on an Actual Device>

<Subject: Chapter 1>

Multiple Choice

10. The name of the XML attribute that we use to specify that an app will run in horizontal orientation only is:

- [1] android:orientation.
- [2] android:screen.
- [3] android:screenOrientation.
- [4] orientation.

<Answer: 3>

<Complexity: Moderate>

<A-Head: The App Manifest and the Gradle Build System>

<Subject: Chapter 1>

True/False

11. XML elements can be nested.

<Answer: True>

<Complexity: Easy>

<A-Head: Our First App: HelloAndroid>

<Subject: Chapter 1>

Multiple Choice

12. What is the only valid XML comment?

- [1] // comment
- [2] /* comment */
- [3] # comment
- [4] <!-- comment -->

<Answer: 4>
<Complexity: Moderate>
<A-Head: Our First App: HelloAndroid>
<Subject: Chapter 1>

Multiple Choice

13. Which of the following code snippets defines a valid dimension element?

- [1] <dimens name="my_margin">20dp</dimens>
- [2] <dimen name="my_margin">20dp</dimen>
- [3] <name dimen="my_margin">16dp</name>
- [4] <my_margin name="dimen">16dp</my_margin>

<Answer: 2>
<Complexity: Moderate>
<A-Head: Our First App: HelloAndroid>
<Subject: Chapter 1>