Android App Development 1st edition Franceschi Test Bank

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Android App Development
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Chapter Quizzes

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

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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) AppCompat.
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

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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

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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>

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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>

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<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 -->

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<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>

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