

# Get user input in an app: Part 2

Let's do a quick test! You must answer at least 4 questions correctly to pass this quiz.



Return to pathway

## 1. Which line(s) of XML code will produce an error?

```
1 <TextView
2     android:layout_width="wrap_content"
3     android:layout_height="wrap_content"
4     android:padding="8dp"
5     android:text="@string/title"
6     android:textSize=18sp />
```

Choose as many answers as you see fit.

- ☐ Line 1 - Missing closing tag > after <TextView .
- ☒ Line 3 - Missing = symbol after android:layout\_height attribute. Correct!
- ☐ Line 4 - The android:padding attribute does not exist for a TextView .
- ☐ Line 5 - You should use @str/title to refer to a string resource.
- ☒ Line 6 - Missing quotations around the attribute value 18sp . Correct!

## 2. Which of the following is true about Gradle?

Choose as many answers as you see fit.

- ☒ Gradle is an automated build system used by Android Studio to build your apps. Correct!
- ☒ Gradle handles installing your app on a device. Correct!
- ☐ Your app's build.gradle file is written in XML.
- ☒ You can configure Android-specific options for your project in your app's build.gradle file. Correct!
- ☐ The gradle configuration for your project cannot change after you initially create the project.

## 3. Which of the following statements about app icons are true?

Choose as many answers as you see fit.

- ☐ It is sufficient to provide a single bitmap image of your app icon in your project to make it appear high quality on a range of Android devices.
- ☒ mdpi, hdpi, xhdpi, xxhdpi, and xxxhdpi are density qualifiers for resource directories to indicate that these are resources to be used on devices with a specific screen density. Correct!
- ☒ Adaptive icons are made up of a foreground and background layer, and an OEM mask will be applied on top of them. Correct!
- ☐ Vector drawables only work for a certain screen density and should not be scaled.

## 4. Which of the below steps are part of changing the color of your app theme?

Choose as many answers as you see fit.

- ☒ Modify the themes.xml (night) file. Correct!
- ☒ Set the primary and secondary color theme attributes of your app theme. Correct!
- ☒ Define the colors used in your app as color resources in the colors.xml file. Correct!
- ☐ Set the background color of your app in the activity's layout file.
- ☐ Set the color attribute on all your UI components.
- ☐ Change the name of your theme to your preferred color.

## 5. Why use the Material Components for Android library?

Choose as many answers as you see fit.

- ☒ It provides widgets that follow the Material Design guidelines such as text fields and switches. Correct!
- ☐ It makes your code compile faster.
- ☒ It provides default Material themes that you can use directly or extend and then customize. Correct!

☐ It automatically suggests ways for your app to look better.

☒ It helps you more quickly build beautiful user experiences.


✓ Correct!

## Results

You scored **5 out of 5**. Congratulations! You have passed this quiz.

[Return to pathway](#)

[Next pathway](#)

Was this helpful?  



**Twitter**  
Follow @AndroidDev on  
Twitter



**YouTube**  
Check out Android Developers  
on YouTube

### MORE ANDROID

[Android](#)  
[Android for Enterprise](#)  
[Security](#)  
[Source](#)  
[News](#)  
[Blog](#)  
[Podcasts](#)

### DISCOVER

[Gaming](#)  
[Machine Learning](#)  
[Privacy](#)  
[5G](#)

### ANDROID DEVICES

[Large screens](#)  
[Wear OS](#)  
[Android TV](#)  
[Android for cars](#)  
[Android Things](#)  
[Chrome OS devices](#)

### RELEASES

[Android 11](#)  
[Android 10](#)  
[Pie](#)  
[Oreo](#)  
[Nougat](#)  
[Marshmallow](#)  
[Lollipop](#)  
[KitKat](#)

### DOCUMENTATION AND DOWNLOADS

[Android Studio guide](#)  
[Developers guides](#)  
[API reference](#)  
[Download Studio](#)  
[Android NDK](#)

### SUPPORT

[Report platform bug](#)  
[Report documentation bug](#)  
[Google Play support](#)  
[Join research studies](#)

 Developers

[Android](#)

[Chrome](#)

[Firebase](#)

[Google Cloud Platform](#)

[All products](#)

[Privacy](#) | [License](#) | [Brand guidelines](#)

Get news and tips by email

[Subscribe](#)

English ▾