

Set up Android Studio

Let's do a quick test! You must answer at least 7 questions correctly to pass this quiz.

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1. What does IDE stand for?

- ☒ Integrated Development Environment ☒ Correct!
- ☐ Independent Design Environment
- ☐ Ideal Developer Environment
- ☐ Intelligent Design Environment

2. Which of the following are advantages of using Android Studio?

Choose as many answers as you see fit.

- ☒ It can help prevent typos and other mistakes in your code. ☒ Correct!
- ☒ It comes with a virtual device called an emulator that can run your app. ☒ Correct!
- ☒ It can show you a real-time preview of how your app will look on-screen while you code. ☒ Correct!
- ☐ It can automatically translate your app into other languages.

3. What is the purpose of using a virtual device, or emulator, in Android Studio?

- ☐ To show a variety of error messages to users
- ☐ To experiment with app code safely
- ☒ To test your app on a device without having that physical device ☒ Correct!
- ☐ To see what your app looks like in a web browser

4. In Android Studio, what is a project template good for?

Choose as many answers as you see fit.

- ☐ It causes Android Studio to download files faster.
- ☒ It makes getting started on building a new app faster. ☒ Correct!
- ☒ It provides a structure that follows best practices. ☒ Correct!
- ☐ It is the only way to build apps that can be previewed in Android Studio.

☒ It makes building a new app less error-prone by pre-populating the project with some app code. ☒ Correct!

5. How do you create a new project in Android Studio?

- ☐ A. Log out of Android Studio, and navigate to your project folder to find instructions.
- ☐ B. If you have a project already open, select File > New > New Project from the Android Studio menu.
- ☐ C. In the "Welcome to Android Studio" window, click "Start a new Android Studio project."
- ☐ D. Create a new file on your computer, and title it "New Android Studio Project."
- ☒ Both B and C are ways to create a new project in Android Studio. ☒ Correct!
- ☐ None of the above

6. ___ is a function that is used to define a layout in your app using Composable functions.

- ☐ `ComponentActivity()`
- ☐ `onCreate()`
- ☐ `DefaultPreview()`
- ☒ `setContent()` ☒ Correct!

7. A Compose function requires the `@Composable` annotation.

- ☒ True ☒ Correct!
- ☐ False

8. A ___ is a Composable that has a background color and can contain other Composables.


- ☐ Color
- ☐ Container
- ☒ Surface ☒ Correct!
- ☐ Box

9. Padding is an example of a ___

- ☐ Property
- ☐ Composable
- ☐ Attribute

 Modifier  Correct!

10. Which of the following is false about Compose?

- ☐ The Empty Compose Activity template is used to create a simple app.
- ☐ Layouts can be viewed in the Preview window, without actually running your app.
- ☒ All elements and themes in a Compose app are contained in a Surface.  Correct!
- ☐ Themes, such as `GreetingCardTheme` allow you to style Composables.

Results

You scored **10 out of 10**. Congratulations! You have passed this quiz.

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