

Your grade: 100%

Your latest: **100%** • Your highest: **100%**

To pass you need at least 80%. We keep your highest score.

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item



1. Whenever starting a new project in Android Studio, it automatically generates many files and folders. Which folder will contain the source code for a project?

1 / 1 point

- ☒ App folder
- ☐ .idea folder
- ☐ .gradle folder

✔ **Correct**

That's right! The app folder will contain source code related to the project. This where a developer will write their code, create the UI and and store assets such as images and fonts.

2. Which of the following statements is true about the onCreate() function?

1 / 1 point

Select all that apply.

- ☒ The role of the onCreate() function is to create the view and initialize the actions of the activity.

✔ **Correct**

That's correct! The role of the onCreate() function is to create the view and initialize the actions of the activity.

- ☒ The onCreate() function is called when your app is run.

✔ **Correct**

That's correct! The onCreate() function is called when your app is run and is considered the entry point for your app to run successfully.

- ☐ The onCreate() is not required in your activity class in order to run an Android app.

3. True or False: Android Studio generates three build.gradle files when a new project is created.

1 / 1 point

☒ False

☐ True

✓ **Correct**

That's correct! Android Studio generates two build.gradle files when a new project is created: one that defines the build settings that apply to every module in the project and another that defines the build settings of the app module its located in.

4. When creating a new project, Android Studio generates an Android.Manifest.xml file by default. Which tag in the manifest file is used to to specify the theme of the application in terms of the user interface (UI) experience?

1 / 1 point

☐ <intent-filter>

☐ <activity>

☐ <permission>

☒ <application>

✓ **Correct**

That's correct! The application tag is used to specify the theme of the application in terms of UI experience. Things like icon and label are defined in your application tag.

5. Of the three main CPU architectures used in most smartphones, which is the most common?

1 / 1 point

- ☐ x70
- ☐ ARM64
- ☐ x86
- ☒ ARM

✓ **Correct**

That's correct! ARM is the most common as it is properly optimized for battery use.

6. _____ allows you to access built-in features of an operating system image?

1 / 1 point

- ☐ CPU Level
- ☐ RAM Level
- ☒ API Level

✓ **Correct**

That's correct! Through the operating system images, developers can enjoy the built-in features of an operating system using the application programming interface or API level.

7. True or False: ExoPlayer offers an alternative to Android's MediaPlayer API to play audio and video in an app.

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**

That's correct! ExoPlayer is an Android media player library built by Google. It offers an alternative to Android's MediaPlayer API to play audio and video, locally or online with some additional advantages.

8. Which of the following libraries provide a smooth scrolling experience while an image is loading?

1 / 1 point

- ☐ Retrofit
- ☒ Fresco
- ☐ ExoPlayer

✓ **Correct**

That's correct! Fresco is an image loading library focused on providing a smooth scrolling experience while an image is loading.