

What is Activity?

Here, we are going to learn about “What is Activity in Android?”

Activity is an important component in Android which is responsible for everything that we do in Android. Now, let's take an example with an analogy to understand it clearly.

In the English language: Activity means doing something. In Android, we can say that activity is the manager who does something.

Activity is the manager who is responsible for showing things in UI which is visible on the screen and helps us in doing the interaction with the screen like "click on button".

So, interactions and visibility parts are handled by the Activity.

So, Activity is a manager which is essentially a Java/Kotlin class that manages interactions and the content visible on the screen.

For example, in YouTube application, we have activities like below:

- VideoListActivity - Java/Kotlin class - Activity which shows the list of videos with thumbnail images and let you click on them to play the video in another activity(VideoPlayerActivity).

- VideoPlayerActivity - Java/Kotlin class - Activity which plays the video, shows the likes, comments and helps you in interacting with the screen.

An application can have so many activities like we have seen in the YouTube application.

For example in, Instagram Application

- LoginActivity
- FeedActivity
- ProfileActivity
- And so on.

Great! Now, we know what activity is.