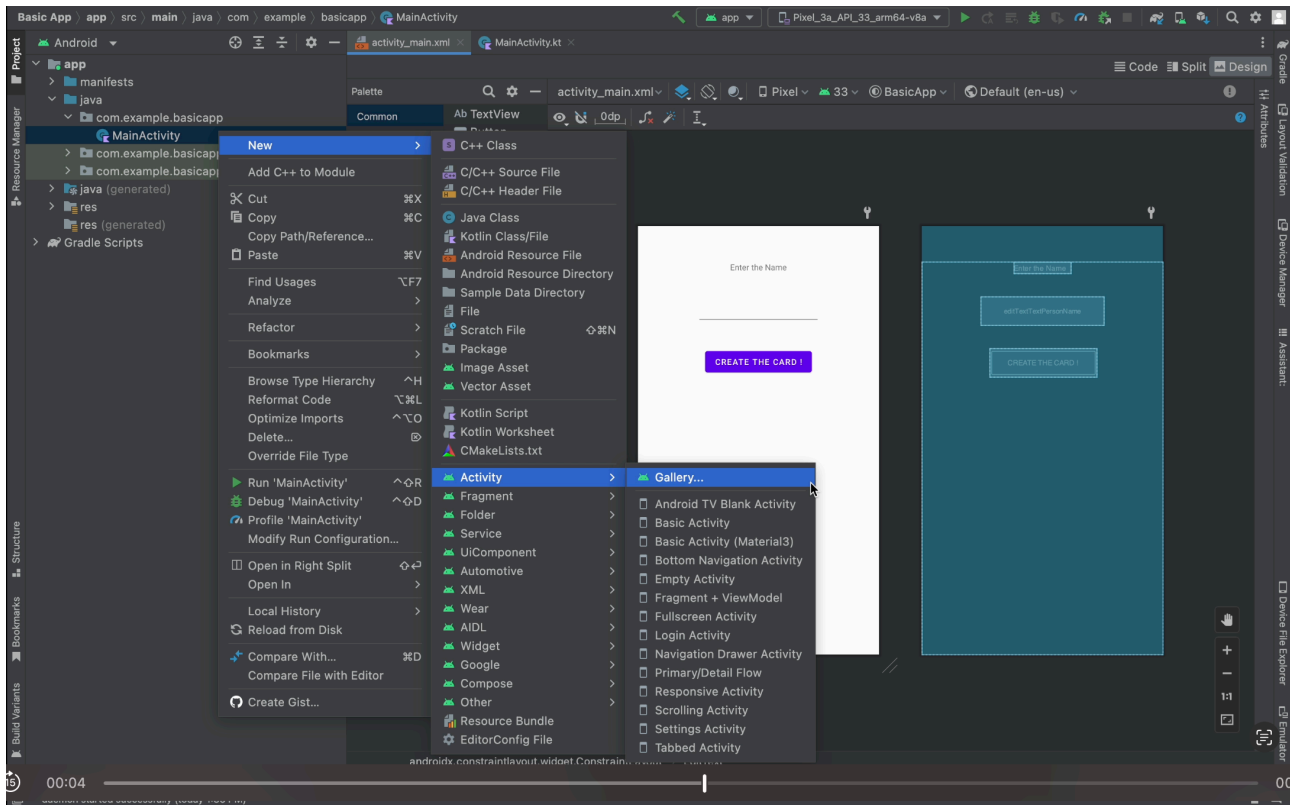


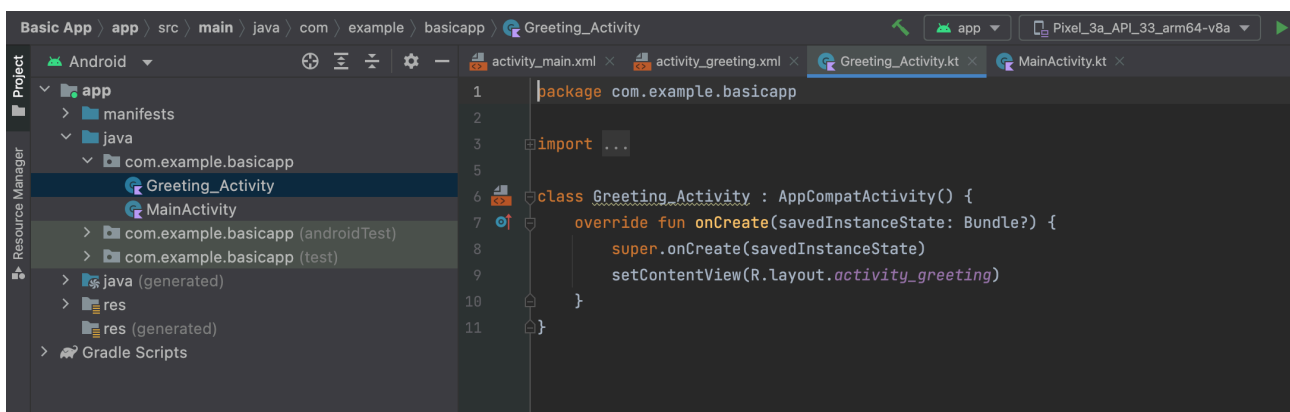
Creating a new Activity

To create a new activity (kind of like a page in your app) right click on the MainActivity.kt file then select new > Activity > Gallery



From the Gallery select new empty activity, name your activity and click ok

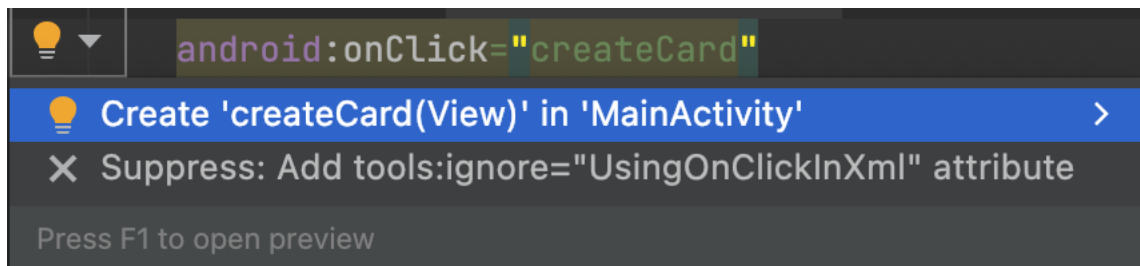
Android Studio will automatically create related files for that activity
In this particular example the **GreetingActivity.kt** and **activity_greeting.xml** file.



In the **activity_main.xml** file under the button create an onClick method like

```
android:onClick="createCard"
```

Now this will highlight as an error, so click on the bulb and select Create option



This will automatically create a function in the **MainActivity.kt** file

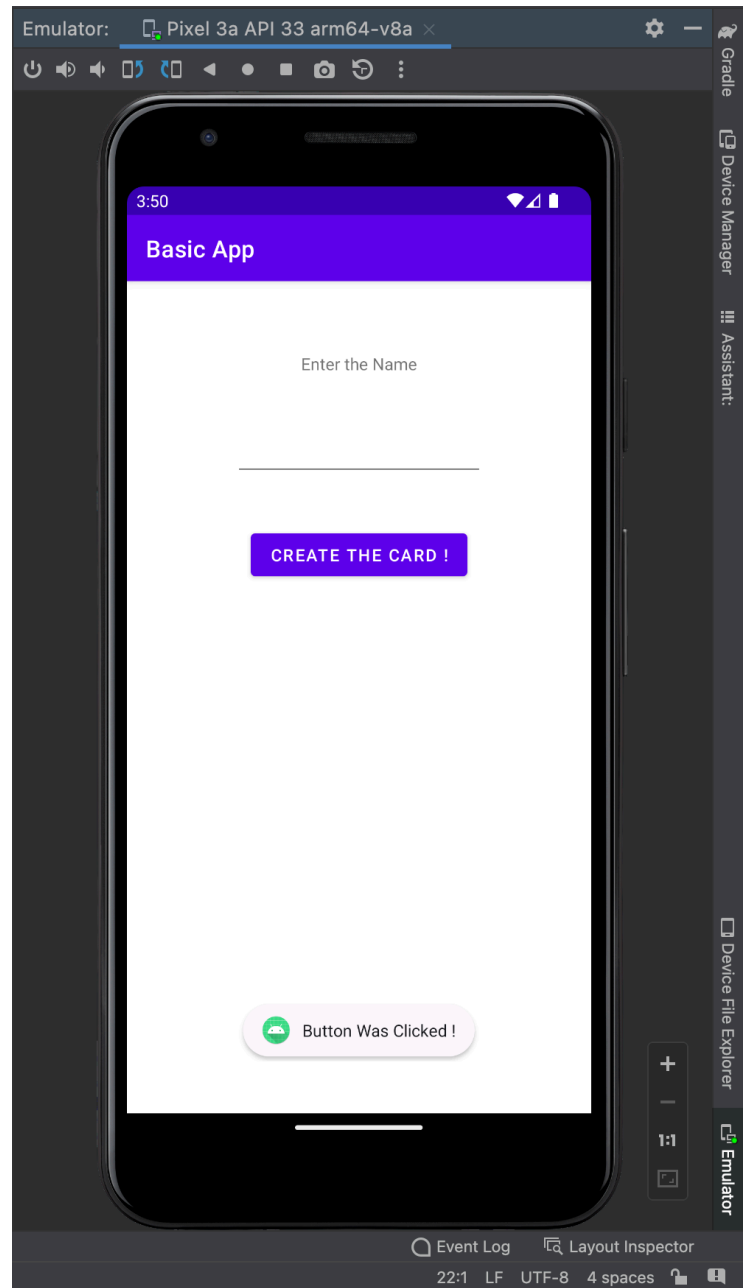
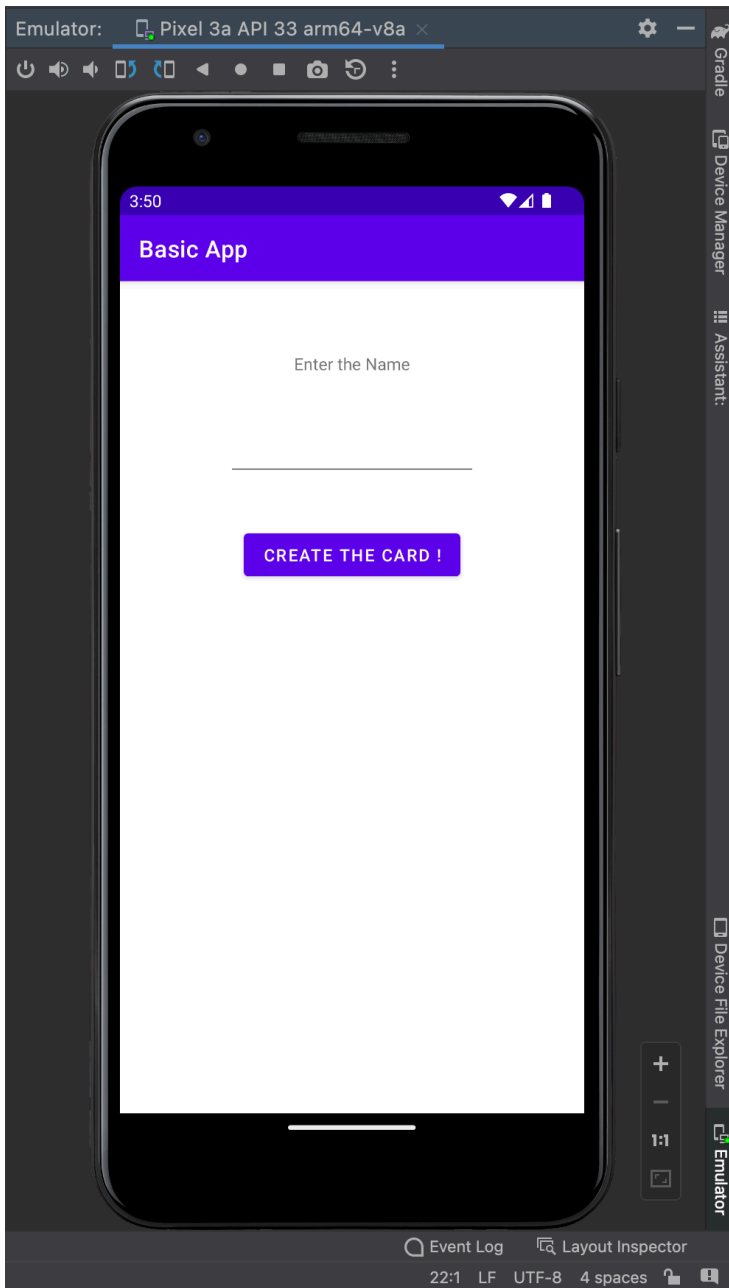
```
14         fun createCard(view: View) {}
15
```

And now whatever is written inside this will be called when the button is clicked or called. So let's call a Toast inside this function to check if our button is working or not upon click.

Toast - A toast provides simple feedback about an operation in a small popup. It only fills the amount of space required for the message and the current activity remains visible and interactive. Toasts automatically disappear after a timeout.

```
15     fun createCard(view: View) {
16
17         Toast.makeText(context: this, text: "Button Was Clicked !", Toast.LENGTH_LONG).show()
18
19     }
```

So now when we click the button a pop-up will appear (to check this start up the emulator and run the program)



This particular pop-up is known as a toast and it is also verified that our button works upon clicking it.