

# XML

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/t1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Hello World!"
        android:textSize="30dp"
    />

    <ImageView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:src="@mipmap/download"
    />

    <Button
        android:id="@+id/b1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Click Me"
        android:textSize="30dp"
    />

    <Button
        android:onClick="fun1"
        android:id="@+id/b2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Next"
        android:textSize="30dp"
    />

</LinearLayout>
```

# Kotlin

```
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        val x = findViewById<Button>(R.id.b1)
        val y = findViewById<Button>(R.id.b2)
        val z = findViewById<TextView>(R.id.t1)

        x.setOnClickListener(View.OnClickListener {
```

```
        z.text = "PSG Tech"
    })

}

fun fun1(v:View)
{
    Toast.makeText(applicationContext,"MCA
G1",Toast.LENGTH_SHORT).show()
}

}
```