

### Step 1: **Create a New Project in Android Studio**

Open Android Studio, Click New Project.

Select Empty Activity & Name it

### Step 2: **Modify activity\_main.xml**

Go to: app/src/main/res/layout/activity\_main.xml

<LinearLayout

xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

android:padding="20dp"

android:gravity="center">

<Button

android:id="@+id/button"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Click Me" />

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Hello!"

```
        android:visibility="gone"
        android:layout_marginTop="20dp"/>
</LinearLayout>
```

### Step 3: **Modify MainActivity.java**

Go to: app/src/main/java/com.yourpackagename/MainActivity.java

```
package com.yourpackagename;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

    Button button;
    TextView textView;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}
```

```
button = findViewById(R.id.button);  
textView = findViewById(R.id.textView);  
  
button.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View v) {  
        textView.setVisibility(View.VISIBLE);  
        textView.setText("Button Clicked!");  
    }  
});  
}  
}
```

Step 4: **Run the App**