

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/main"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     tools:context=".MainActivity">
9     <Button
10         android:id="@+id/btn"
11         android:layout_width="wrap_content"
12         android:layout_height="wrap_content"
13         android:layout_marginStart="22dp"
14         android:layout_marginTop="108dp"
15         android:text="Click"
16         app:layout_constraintStart_toStartOf="@+id/textView"
17         app:layout_constraintTop_toBottomOf="@+id/textView" />
18     <TextView
19         android:id="@+id/textView"
20         android:layout_width="wrap_content"
21         android:layout_height="wrap_content"
22         android:layout_marginTop="326dp"
23         android:text="Before Button Clicket"
24         app:layout_constraintEnd_toEndOf="parent"
25         app:layout_constraintStart_toStartOf="parent"
26         app:layout_constraintTop_toTopOf="parent" />
27     <TextView
28         android:id="@+id/textView2"
29         android:layout_width="wrap_content"
30         android:layout_height="wrap_content"
31         android:layout_marginTop="101dp"
32         android:text="My First App"
33         android:textSize="30sp"
34         app:layout_constraintEnd_toEndOf="parent"
35         app:layout_constraintStart_toStartOf="parent"
36         app:layout_constraintTop_toTopOf="parent" />
37 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
activity_main.xml x MainActivity.java x
1 package com.example.test;
2 import android.os.Bundle;
3 import android.view.View;
4 import android.widget.Button;
5 import android.widget.TextView;
6 import androidx.activity.EdgeToEdge;
7 import androidx.appcompat.app.AppCompatActivity;
8 import androidx.core.graphics.Insets;
9 import androidx.core.view.ViewCompat;
10 import androidx.core.view.WindowInsetsCompat;
11 public class MainActivity extends AppCompatActivity {
12     TextView textView;
13     Button btn;
14     @Override
15     protected void onCreate(Bundle savedInstanceState) {
16         super.onCreate(savedInstanceState);
17         EdgeToEdge.enable(this);
18         setContentView(R.layout.activity_main);
19
20         textView = findViewById(R.id.textview);
21         btn = findViewById(R.id.btn);
22
23         btn.setOnClickListener(new View.OnClickListener() {
24             @Override
25             public void onClick(View v) {
26                 textView.setText("Button Clicked");
27             }
28         });
29     }
30 }
31 // ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main), (v, insets) -> {
32 //     Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars());
33 //     v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);
34 //     return insets;
35 // });
36
```



