Manifest.xml

<uses-permission android:name="android.permission.ACCESS\_WIFI\_STATE" />  
<uses-permission android:name="android.permission.CHANGE\_WIFI\_STATE" />

XML Code

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/wifiStatusText"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Wi-Fi Status"  
 android:textSize="20sp"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:padding="20dp"/>  
  
 <Button  
 android:id="@+id/toggleWifiButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Click to know the Wifi Status"  
 app:layout\_constraintTop\_toBottomOf="@id/wifiStatusText"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:padding="10dp"/>  
</androidx.constraintlayout.widget.ConstraintLayout>

Kotlin code

import android.content.Context  
import android.net.wifi.WifiManager  
import android.os.Bundle  
import android.widget.Button  
import android.widget.TextView  
import androidx.appcompat.app.AppCompatActivity  
  
class MainActivity : AppCompatActivity() {  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
  
 val wifiStatusText = findViewById<TextView>(R.id.*wifiStatusText*)  
 val toggleWifiButton = findViewById<Button>(R.id.*toggleWifiButton*)  
 val wifiManager = *applicationContext*.getSystemService(Context.*WIFI\_SERVICE*) as WifiManager  
  
 // Function to update Wi-Fi status  
 fun updateWifiStatus() {  
 wifiStatusText.*text* = if (wifiManager.*isWifiEnabled*) "Wi-Fi is ON" else "Wi-Fi is OFF"  
 }  
  
 // Set initial Wi-Fi status  
 updateWifiStatus()  
  
 // Toggle Wi-Fi when button is clicked  
 toggleWifiButton.setOnClickListener **{** wifiManager.*isWifiEnabled* = !wifiManager.*isWifiEnabled* updateWifiStatus()  
 **}** }  
}