AppName: Broadcast Receiver

MyReveiver.Java

package com.example.broadcastreceiver;  
*//https://www.youtube.com/watch?v=rowqGmHcBJc*import android.content.BroadcastReceiver;  
import android.content.Context;  
import android.content.Intent;  
import android.provider.Settings;  
import android.util.Log;  
import android.widget.Toast;  
  
public class MyReceiver extends BroadcastReceiver {  
 String TAG="Time Zone";  
 @Override  
 public void onReceive(Context context, Intent intent) {  
 *// TODO: This method is called when the BroadcastReceiver is receiving  
 // an Intent broadcast.* String actionString=intent.getAction();  
  
  
 Toast.*makeText*(context.getApplicationContext(), "Hello Sonal "+ actionString, Toast.*LENGTH\_LONG*).show();  
  
 String timezone=intent.getStringExtra("time-zone");  
  
 Log.*d*(TAG,"onReceive:" + timezone);  
 *// boolean isOn=intent.getBooleanExtra(state,false);* if (*isAirplaneModeOn*(context.getApplicationContext())) {  
 Toast.*makeText*(context, "AirPlane mode is on", Toast.*LENGTH\_SHORT*).show();  
 } else {  
 Toast.*makeText*(context, "AirPlane mode is off", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 }  
  
 private static boolean isAirplaneModeOn(Context context) {  
 return Settings.System.*getInt*(context.getContentResolver(), Settings.Global.*AIRPLANE\_MODE\_ON*, 0) != 0;  
 }  
}

………………………………………………….

MainActivity.Java

package com.example.broadcastreceiver;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.content.IntentFilter;  
import android.os.Bundle;  
  
public class MainActivity extends AppCompatActivity {  
 MyReceiver myReceiver=new MyReceiver();  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 }  
  
 @Override  
 protected void onStart() {  
 super.onStart();  
 IntentFilter intentFilter=new IntentFilter();  
 intentFilter.addAction(Intent.*ACTION\_AIRPLANE\_MODE\_CHANGED*);  
 intentFilter.addAction(Intent.*ACTION\_BATTERY\_LOW*);  
 intentFilter.addAction(Intent.*ACTION\_POWER\_CONNECTED*);  
 intentFilter.addAction(Intent.*ACTION\_POWER\_DISCONNECTED*);  
 this.registerReceiver(myReceiver,intentFilter);  
 }  
  
 @Override  
 protected void onStop() {  
 super.onStop();  
 this.unregisterReceiver(myReceiver);  
 }  
}

……………………………….