<https://developer.android.com/studio/test/index.html>

**import** android.content.BroadcastReceiver;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.provider.Telephony;

**import** android.telephony.SmsManager;

**import** android.telephony.SmsMessage;

**import** android.util.Log;

**import** android.widget.Toast;

**import** org.json.JSONArray;

**import** org.json.JSONException;

**import** org.json.JSONObject;

**import** java.net.URLEncoder;

**public class** SmsReceiver **extends** BroadcastReceiver {

*// private SmsManager smsMgr;*

@Override

**public void** onReceive(Context context, Intent intent) {

SmsMessage[] messages =

Telephony.Sms.Intents.*getMessagesFromIntent*(intent);

**if** (messages != **null** && messages.**length** > 0){

*//if (this.smsMgr == null){*

*//this.smsMgr = SmsManager.getDefault();*

*//}*

*// There are incoming messages.*

**for** (SmsMessage msg : messages) {

*// Send the messages to the server for action.*

**this**.sendSms(msg.getOriginatingAddress(), msg.getDisplayMessageBody());

}

}

}

}

**import** android.Manifest;

**import** android.content.Intent;

**import** android.content.pm.PackageManager;

**import** android.support.v4.app.ActivityCompat;

**import** android.support.v4.content.ContextCompat;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.util.Log;

**import** android.view.KeyEvent;

**import** android.view.View;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** org.json.JSONException;

**import** org.json.JSONObject;

@Override

**protected void** onResume() {

**super**.onResume();

**if** (ContextCompat.*checkSelfPermission*(**this**, Manifest.permission.***RECEIVE\_SMS***) !=

PackageManager.***PERMISSION\_GRANTED*** ||

ContextCompat.*checkSelfPermission*(**this**, Manifest.permission.***SEND\_SMS***) !=

PackageManager.***PERMISSION\_GRANTED***){

*// Request for the permissions.*

ActivityCompat.*requestPermissions*(**this**, **new** String[] {

Manifest.permission.***RECEIVE\_SMS***, Manifest.permission.***SEND\_SMS***

}, 1);

}

}