SMS Send & Receive (Mob No, MSG, Button)

**class MainActivity : AppCompatActivity() {  
 lateinit var phone : TextView  
 lateinit var smsBody : TextView  
 lateinit var sendBu : Button  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
  
 phone = findViewById(R.id.*phone*)  
 smsBody = findViewById(R.id.*smsBody*)  
 sendBu = findViewById(R.id.*sendBu*)  
  
 if(ActivityCompat.checkSelfPermission(this,Manifest.permission.*READ\_SMS*)  
 !=PackageManager.*PERMISSION\_GRANTED*)   
 { ActivityCompat.requestPermissions(this,*arrayOf*(Manifest.permission.*RECEIVE\_SMS*,Manifest.permission.*SEND\_SMS*),  
 111)  
 }  
 else{  
 receiveSMS()  
 }  
 sendBu.setOnClickListener {  
 var sms = SmsManager.getDefault()  
 sms.sendTextMessage(phone.*text*.toString(),"ME",smsBody.*text*.toString(),null,null)  
 }  
 }**

**override fun onRequestPermissionsResult(  
 requestCode: Int,  
 permissions: Array<out String>,  
 grantResults: IntArray  
 ) {  
 super.onRequestPermissionsResult(requestCode, permissions, grantResults)  
 if(requestCode==111 && grantResults[0]==PackageManager.*PERMISSION\_GRANTED*){  
 receiveSMS()  
 }  
 }  
  
 private fun receiveSMS() {  
 var br = object : BroadcastReceiver() {  
 override fun onReceive(p0: Context?, p1: Intent?) {  
 if(Build.VERSION.*SDK\_INT*>=Build.VERSION\_CODES.*KITKAT*){  
 for(sms in Telephony.Sms.Intents.getMessagesFromIntent(p1)){  
 phone.setText(sms.*originatingAddress*)  
 smsBody.setText(sms.*displayMessageBody*)  
 }  
 }  
 }  
  
 }  
 registerReceiver(br, IntentFilter("android.provider.Telephony.SMS\_RECEIVED"))  
 }  
}**

**<uses-permission android:name="android.permission.RECEIVE\_SMS"></uses-permission>  
<uses-permission android:name="android.permission.SEND\_SMS"></uses-permission>**