**Practical 8**

**Aim:** Programs on services, Listeners and Broadcast receiver.

*Main\_Activity.kt*

package com.example.broadcast  
  
import android.support.v7.app.AppCompatActivity  
import android.os.Bundle  
import android.content.Context  
import android.net.ConnectivityManager  
import android.widget.Toast  
  
class MainActivity : AppCompatActivity() {  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.activity\_main)  
 var c=applicationContext.getSystemService(Context.CONNECTIVITY\_SERVICE)as ConnectivityManager  
 val networkInfo=c.activeNetworkInfo  
 if(networkInfo !=null && networkInfo.isConnected){  
 if (networkInfo.type==ConnectivityManager.TYPE\_MOBILE){  
 Toast.makeText(applicationContext,"Connected to MOBILE",Toast.LENGTH\_LONG).show()  
 }  
 else if (networkInfo.type==ConnectivityManager.TYPE\_WIFI){  
 Toast.makeText(applicationContext,"Connected to WIFI",Toast.LENGTH\_LONG).show()  
 }  
 else{  
 Toast.makeText(applicationContext,"You are OFFLINE",Toast.LENGTH\_LONG).show()  
 }  
  
 }  
 }  
}

