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| A picture containing drawing, stop, room  Description automatically generated | Mobile Programming  Practical #8 | | |
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| **Name** |  | **Roll Number** |  |
| **Subject/Course:** | Mobile Programming | | |
| **Topic** | Network Information | | |
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| Network Information | | | |
| 1. Create an app to display the network information on TextView. | | | |
| ktfile  package com.example.sfescdg   import android.content.Context  import android.net.ConnectivityManager  import androidx.appcompat.app.AppCompatActivity  import android.os.Bundle  import android.widget.TextView   class MainActivity : AppCompatActivity() {  override fun onCreate(savedInstanceState: Bundle?) {  super.onCreate(savedInstanceState)  setContentView(R.layout.activity\_main)  val netstatus=findViewById<TextView>(R.id.t1)  Thread(Runnable{  while(true) {  var conStant:String= "not connected"  val cm = getSystemService(Context.CONNECTIVITY\_SERVICE) as ConnectivityManager  val netInfo = cm.allNetworkInfo  for (ni in netInfo) {  if (ni.typeName.equals("WIFI", ignoreCase = true))  if (ni.isConnected) conStant = "WIFI"  if (ni.typeName.equals("MOBILE", ignoreCase = true))  if (ni.isConnected) conStant = "MOBILE"  }  runOnUiThread {  netstatus.text = conStant.toString()  }  }  }).start()  }  }  Manifest  [12:10 PM] Janhvi Suthar  <?xml version="1.0" encoding="utf-8"?>  <manifest xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android%22) xmlns:tools="[http://schemas.android.com/tools"](http://schemas.android.com/tools%22) package="com.example.sfescdg">  <uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE"  android:required="true"></uses-permission>  <uses-permission android:name="android.permission.INTERNET"  android:required="true"></uses-permission>  <application  android:allowBackup="true"  android:dataExtractionRules="@xml/data\_extraction\_rules"  android:fullBackupContent="@xml/backup\_rules"  android:icon="@mipmap/ic\_launcher"  android:label="@string/app\_name"  android:roundIcon="@mipmap/ic\_launcher\_round"  android:supportsRtl="true"  [android:theme="@style/Theme.Sfescdg](mailto:android:theme=%22@style/Theme.Sfescdg)"  tools:targetApi="31">  <activity  android:name=".MainActivity"  android:exported="true">  <intent-filter>  <action android:name="android.intent.action.MAIN" />  <category android:name="android.intent.category.LAUNCHER" />  </intent-filter>  </activity>  </application>  </manifest> | | | |
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