```java
 1 package com.example.myloctionapplication;
 2 //<?xml version="1.0" encoding="utf-8"?>
 3 //        <manifest xmlns:android="http://schemas.android.com/
   apk/res/android"
 4 //        xmlns:tools="http://schemas.android.com/tools">
 5 //
 6 //        <uses-permission android:name="android.permission.
   ACCESS_COARSE_LOCATION"/>
 7 //        <uses-permission android:name="android.permission.
   ACCESS_FINE_LOCATION"/>
 8 //        <uses-permission android:name="android.permission.
   ACCESS_NETWORK_STATE"/>
 9 //        <uses-permission android:name="android.permission.
   INTERNET"/>
10 import androidx.appcompat.app.AppCompatActivity;
11
12 import android.annotation.SuppressLint;
13 import android.content.Context;
14 import android.location.Criteria;
15 import android.location.Location;
16 import android.location.LocationListener;
17 import android.location.LocationManager;
18 import android.os.Bundle;
19 import android.widget.TextView;
20 import android.widget.Toast;
21
22 public class MainActivity extends AppCompatActivity implements
   LocationListener {
23     @SuppressLint("MissingPermission")
24     @Override
25     protected void onCreate(Bundle savedInstanceState) {
26         super.onCreate(savedInstanceState);
27         setContentView(R.layout.activity_main);
28         LocationManager lm=(LocationManager) getSystemService(
   Context.LOCATION_SERVICE);
29         Criteria c=new Criteria();
30         String s=lm.getBestProvider(c,false);
31         if(s!=null && !s.equals("")) {
32             @SuppressLint("MissingPermission")
33             Location l = lm.getLastKnownLocation(s);
34             lm.requestLocationUpdates(s, 20000, 1, this);
35             if (l != null) {
36                 onLocationChanged(l);
37             } else {
38                 Toast.makeText(getApplicationContext(), "
   Location can't be retrieved..!", Toast.LENGTH_LONG).show();
39             }
40         }
```

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41          else{
42                  Toast.makeText(getApplicationContext(), "
    Provider not found", Toast.LENGTH_LONG).show();
43              }
44          }
45
46          @Override
47          public void onLocationChanged(Location arg0)
48          {
49              TextView t1=(TextView) findViewById(R.id.lati);
50              t1.setText("Latitude : \n"+arg0.getLatitude());
51              TextView t2=(TextView) findViewById(R.id.longi);
52              t2.setText("Longitude : \n"+arg0.getLongitude());
53          }
54          public void onProviderDisabled(String arg0)
55          {
56
57          }
58          @Override
59                  public void onProviderEnabled(String arg0)
60          {
61
62          }
63          @Override
64      public void onStatusChanged(String arg0,int arg1,Bundle
    arg2)
65          {
66
67          }
68      }
69
```