<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

android:gravity="center"

android:background="#f000"

xmlns:android="http://schemas.android.com/apk/res/android" >

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/tv"

android:text="\*\*\*"

android:textStyle="bold"

android:textColor="#f00"

android:textSize="25dp"

android:fontFamily="serif-monospace"

android:background="#ff0"/>

</LinearLayout>

package com.nirmaan.cwpb8;

import androidx.appcompat.app.AppCompatActivity;

import android.Manifest;

import android.annotation.SuppressLint;

import android.content.pm.PackageManager;

import android.location.Location;

import android.location.LocationListener;

import android.location.LocationManager;

import android.os.Bundle;

import android.widget.TextView;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity implements LocationListener{

TextView tv;

LocationManager lm;

@SuppressLint("MissingPermission")

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

tv = findViewById(R.id.tv);

lm = (LocationManager) getSystemService(LOCATION\_SERVICE);

lm.requestLocationUpdates(LocationManager.GPS\_PROVIDER, 0, 0, (LocationListener) this);

}

@Override

public void onLocationChanged(Location location) {

double latitude=location.getLatitude();

double longitude=location.getLongitude();

tv.setText("Latitude:"+latitude+"\n"+"Longitude:"+longitude);

}

@Override

public void onStatusChanged(String provider, int status, Bundle extras) {

}

@Override

public void onProviderEnabled(String provider) {

Toast.makeText(this,"Gps on",Toast.LENGTH\_LONG).show();

}

@Override

public void onProviderDisabled(String provider) {

Toast.makeText(this,"Gps off",Toast.LENGTH\_LONG).show();

}

}

<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

package="com.nirmaan.cwpb8">

<uses-permission android:name="android.permission.ACCESS\_FINE\_LOCATION" />

<application

android:allowBackup="true"

android:icon="@mipmap/ic\_launcher"

android:label="@string/app\_name"

android:roundIcon="@mipmap/ic\_launcher\_round"

android:supportsRtl="true"

android:theme="@style/AppTheme">

<activity android:name=".MainActivity">

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

</application>

</manifest>