

MainActivity.java

```

package com.example.telephone_api;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        Button dialPhNumber = (Button) findViewById(R.id.dialPhNumber);
        dialPhNumber.setOnClickListener(new View.OnClickListener() {
            public void onClick(View view) {
                Toast.makeText(getApplicationContext(),"Mobile is Calling",Toast.LENGTH_SHORT).show();
                try {
                    EditText phNumber = (EditText) findViewById(R.id.phNumber);
                    Intent implicit1 = new Intent(Intent.ACTION_CALL, Uri.parse("tel:" +
                        phNumber.getText().toString()));
                    startActivity(implicit1);
                    Toast.makeText(getApplicationContext(),"Mobile is Calling",Toast.LENGTH_SHORT).show();
                }
                catch (SecurityException e)
                {}
            }
        });
    }
}

```

MainActivity.java file same
code as of the pervious one

Add required permission Necessary

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

    <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:supportsRtl="true"

```

```

android:theme="@style/Theme.Telephone_api"
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>
<uses-permission android:name="android.permission.CALL_PHONE" />

```

Add the Required Permission
for Call API

//(This One)

</manifest>

activity_manifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/a
ndroid"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <RelativeLayout
        xmlns:android="http://schemas.android.com/apk/res/android"
        xmlns:app="http://schemas.android.com/apk/res-auto"
        xmlns:tools="http://schemas.android.com/tools"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        tools:context=".MainActivity">
        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:orientation="vertical">
            <EditText
                android:hint="Enter Phone Number"
                android:id="@+id/phNumber"
                android:layout_width="fill_parent"
                android:layout_height="81dp"
                android:ems="5" />
            <Button
                android:id="@+id/dialPhNumber"
                android:layout_width="fill_parent"
                android:layout_height="45dp"
                android:text="Call Number" />
        </LinearLayout>
    </RelativeLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

```

Xml Layout

Debug

After Building the App

Go to App Info ---> Permission ---> Give the Phone Permission Requested

