***XML CODE FOR CALLING BUTTON***

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

<LinearLayout 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"

android:orientation="vertical"

tools:context=".MainActivity">

<EditText

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Enter Telephone NUM"

android:inputType="number"

android:layout\_margin="20dp"

android:id="@+id/edtphncall"/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/btnphncall"

android:textSize="20dp"

android:textColor="@color/White"

android:text="Call"

android:padding="20dp"

android:layout\_margin="20dp"

android:layout\_gravity="center"/>

</LinearLayout>

***MANIFEST CODE***

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

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

package=".androidexample">

<uses-permission android:name="android.permission.CALL\_PHONE" />

<activity

android:name=".MainActivity"

android:label="MainActivity"

<intent-filter>

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

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

</intent-filter>

</activity>

***</manifest>***

***JAVA CODE***

import android.Manifest;

import android.content.Intent;

import android.content.pm.PackageManager;

import android.net.Uri;

import android.os.Bundle;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

EditText edtphncall;

String telNum;

Button btnphncall;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

edtphncall=(EditText)findViewById(R.id.edtphncall);

btnphncall=(Button)findViewById(R.id.btnphncall);

btnphncall.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intentCall=new Intent(Intent.ACTION\_CALL);

telNum=edtphncall.getText().toString();

if(telNum.trim().isEmpty()){

intentCall.setData(Uri.parse("tel:567788"));

//Toast.makeText(getApplicationContext(),"Please Enter Num",Toast.LENGTH\_SHORT).show();

}

else{

intentCall.setData(Uri.parse("tel:"+telNum));

}

if(ActivityCompat.checkSelfPermission(getApplicationContext(), Manifest.permission.CALL\_PHONE)!= PackageManager.PERMISSION\_GRANTED){

Toast.makeText(getApplicationContext(),"Please grant permission",Toast.LENGTH\_SHORT).show();

requestPermission();

}else {

startActivity(intentCall);

}

});

}

private void requestPermission(){

ActivityCompat.requestPermissions(MainActivity.this,new String[]{Manifest.permission.CALL\_PHONE},1);

}

}