**/\* This is for displaying Toast Messages using Button\*/**

package com.example.firstapp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.util.Log;  
import android.view.View;  
import android.widget.Button;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
 private static final String TAG = "DemoApplication";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
 Button btn = findViewById(R.id.btnDoMagic);  
 btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Log.i(TAG,"This is a magic log message!");  
 Toast.makeText(getApplicationContext(), "It's magic", Toast.LENGTH\_SHORT)  
 .show();  
  
 }  
 });  
 }  
}