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| AndroidManifest.xml  <?xml version="1.0" encoding="utf-8"?> <manifest xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:tools="http://schemas.android.com/tools"  package="com.example.callingapp">   <uses-permission android:name="android.permission.CALL\_PHONE"/>   <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:roundIcon="@mipmap/ic\_launcher\_round"  android:supportsRtl="true"  android:theme="@style/Theme.CallingApp"  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>  </manifest>  activity\_main.xml  <?xml version="1.0" encoding="utf-8"?> <androidx.constraintlayout.widget.ConstraintLayout 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:background="#CC64DD"  tools:context=".MainActivity">   <EditText  android:id="@+id/idNumtxt"  android:layout\_width="331dp"  android:layout\_height="57dp"  android:layout\_centerHorizontal="true"  android:hint="Enter Your Phone No."  android:textSize="25sp"  app:layout\_constraintBottom\_toTopOf="@+id/idbtnCall"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toTopOf="parent"  app:layout\_constraintVertical\_bias="0.939" />   <Button  android:id="@+id/idbtnCall"  android:layout\_width="331dp"  android:layout\_height="57dp"  android:layout\_gravity="center"  android:onClick="onClick"  android:text="CALL"  app:layout\_constraintBottom\_toBottomOf="parent"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toTopOf="parent"  app:layout\_constraintVertical\_bias="0.617"  tools:ignore="OnClick" />   <ImageView  android:id="@+id/imageView"  android:layout\_width="212dp"  android:layout\_height="238dp"  app:layout\_constraintBottom\_toTopOf="@+id/idNumtxt"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toTopOf="parent"  app:srcCompat="@android:drawable/stat\_sys\_phone\_call" />  </androidx.constraintlayout.widget.ConstraintLayout> | strings.xml  <resources>  <string name="app\_name">CallingApp</string> </resources>  MainActivity.java  package com.example.callingapp;  import androidx.appcompat.app.AppCompatActivity; import androidx.core.app.ActivityCompat;  import android.Manifest; import android.content.Intent; import android.content.pm.PackageManager; 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 {  Button btn;  EditText numTxt;  String sNum;    @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_main*);  btn= (Button)findViewById(R.id.*idbtnCall*);  numTxt= (EditText)findViewById(R.id.*idNumtxt*);  }   public void onClick(View v){  Intent i = new Intent(Intent.*ACTION\_CALL*);  sNum= numTxt.getText().toString();  if(sNum.trim().isEmpty()) {  Toast.*makeText*(this, "Please Enter The Number!", Toast.*LENGTH\_SHORT*).show();  }  else {  i.setData(Uri.*parse*("tel:"+sNum));  }  if(ActivityCompat.*checkSelfPermission*(this , Manifest.permission.*CALL\_PHONE*)!= PackageManager.*PERMISSION\_GRANTED*){  Toast.*makeText*(this ,"Please grant the permission to call",Toast.*LENGTH\_SHORT*).show();  requestPermission();  }  else{  startActivity(i);  }  }  private void requestPermission(){  ActivityCompat.*requestPermissions*(this, new String[]{Manifest.permission.*CALL\_PHONE*},1);  }   }  themes.xml  <resources xmlns:tools="http://schemas.android.com/tools">  <!-- Base application theme. -->  <style name="Theme.CallingApp" parent="Theme.MaterialComponents.DayNight.DarkActionBar">  <!-- Primary brand color. -->  <item name="colorPrimary">@color/purple\_500</item>  <item name="colorPrimaryVariant">@color/purple\_700</item>  <item name="colorOnPrimary">@color/white</item>  <!-- Secondary brand color. -->  <item name="colorSecondary">@color/teal\_200</item>  <item name="colorSecondaryVariant">@color/teal\_700</item>  <item name="colorOnSecondary">@color/black</item>  <!-- Status bar color. -->  <item name="android:statusBarColor" tools:targetApi="l">?attr/colorPrimaryVariant</item>  <!-- Customize your theme here. -->  </style> </resources> |

Output

