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| **Question :**  **Create the Telephone API in android application to make a call in predefined contact number (the contact number is inserted through the code, do not import the contact form user’s contact list)**  **OR**  **Design the Telephone API in android to make a call.** |
| **Activity\_main.xml**  *<?***xml version="1.0" encoding="utf-8"***?>*  <**RelativeLayout xmlns:android="**[**http://schemas.android.com/apk/res/android**](http://schemas.android.com/apk/res/android)**" xmlns:app="**[**http://schemas.android.com/apk/res-auto"**](http://schemas.android.com/apk/res-auto) **xmlns:tools="**[**http://schemas.android.com/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**> |
| **Main\_Activity.java**  **package** com.maharashtracollege.profshahidansari; **import** androidx.appcompat.app.AppCompatActivity; **import** android.content.Intent;  **import** android.graphics.Color;  **import** android.os.Bundle; |

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| **import** android.app.Activity; **import** android.content.Intent; **import** android.net.Uri; **import** android.os.Bundle; **import** android.view.Menu; **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)  {}  }  });  }  } |
| Now find the android manifest that will configure the activity class and permission to set up the phone call.  **AndroidManifest.xml**  *<?***xml version="1.0" encoding="utf-8"***?>*  <**manifest xmlns:android="**[**http://schemas.android.com/apk/res/android**](http://schemas.android.com/apk/res/android)**" package="com.maharashtracollege.profshahidansari"** |

**android:versionCode="1" android:versionName="1.0"**

>

<**uses-sdk android:minSdkVersion="10"** />

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

<**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=".ViewActivity"**></**activity**>

<**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**>

Add this code