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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"  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**> |
| **Main\_Activity.java**  **package** com.maharashtracollege.profshahidansari; **import** androidx.appcompat.app.AppCompatActivity; **import** android.content.Intent; **import** android.graphics.Color; **import** android.os.Bundle;  **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"  package="com.maharashtracollege.profshahidansari"**      Add this code    **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**> |

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