**PR-17**

**17 Write a program to create button “Start Dialer”. When u click on this button it should open the phone dialer**

**XML Code**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center"  
 android:padding="24dp"  
 tools:context=".MainActivity">  
  
 <Button  
 android:id="@+id/dialerButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Start Dialer" />  
</LinearLayout>

**Java Code**

package com.example.pr17\_startdialer;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.content.Intent;  
import android.net.Uri;  
import android.os.Bundle;  
import android.widget.Button;  
  
public class MainActivity extends AppCompatActivity {  
  
 Button dialerButton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 dialerButton = findViewById(R.id.*dialerButton*);  
  
 dialerButton.setOnClickListener(v -> {  
 Intent intent = new Intent(Intent.*ACTION\_DIAL*);  
 intent.setData(Uri.*parse*("tel:")); // Blank number (opens dialer without number)  
 startActivity(intent);  
 });  
 }  
}