Q:-Write a program in android to show Toast

Xml Code:-

<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">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Toast for Short Time"  
 android:textSize="30dp"  
 android:textColor="@color/teal\_700"  
 android:id="@+id/toast1"  
 android:layout\_centerVertical="true"  
 android:layout\_centerHorizontal="true"/>  
  
 <TextView  
 android:id="@+id/toast2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/toast1"  
 android:layout\_alignParentStart="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginStart="51dp"  
 android:layout\_marginTop="18dp"  
 android:text="Toast for long Duration"  
 android:textColor="@color/purple\_500"  
 android:textSize="30dp" />  
  
</RelativeLayout>

Java Code:-

package com.example.toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
 TextView tos1, tos2;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 tos1=findViewById(R.id.*toast1*);  
 tos2=findViewById(R.id.*toast2*);  
  
 tos1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Toast.*makeText*(getApplicationContext(),"This is first use of Toast (Short Time)",Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 tos2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Toast.*makeText*(getApplicationContext(),"This is Toast for Long Duration",Toast.*LENGTH\_LONG*).show();  
 }  
 });  
 }  
}

O/p:-

Graphical user interface, text, application

Description automatically generated

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