**Toast Message**

**Objective:** The objective of this project is to develop a simple Android application that demonstrates the use of a Toast message in Java. The application will include a user interface with a button, and when the button is clicked, a Toast message will appear on the screen providing brief feedback to the user.

**Xml Code:**

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout  
 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:id="@+id/main"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="50sp"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SignUp"  
 android:layout\_gravity="center"  
 android:textSize="35sp"/>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="User Id"/>  
  
 <EditText  
 android:id="@+id/et1"  
 android:layout\_width="250dp"  
 android:layout\_height="50dp"  
 android:layout\_marginLeft="45dp"  
 android:hint="UserId"/>  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="30dp">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Password"/>  
  
 <EditText  
 android:id="@+id/et2"  
 android:layout\_width="250dp"  
 android:layout\_height="50dp"  
 android:hint="Password"  
 android:layout\_marginLeft="30dp"/>  
 </LinearLayout>  
  
 <Button  
 android:id="@+id/btn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="30dp"  
 android:layout\_gravity="center"  
 android:text="Submit"/>  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="sans-serif"  
 android:gravity="bottom|center"  
 android:text="Saksham Gupta"  
 android:textSize="25sp" />  
</LinearLayout>

**Java Code**

package com.example.toastmsg;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
  
public class MainActivity extends AppCompatActivity {  
  
 private EditText editText1,editText2;  
 private Button button;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 editText1 = findViewById(R.id.*et1*);  
 editText2 = findViewById(R.id.*et2*);  
 button = findViewById(R.id.*btn*);  
  
 button.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String text = editText1.getText().toString();  
 String text1 = editText2.getText().toString();  
  
 Toast.*makeText*(MainActivity.this, "User Id: skg & Password: 123", Toast.*LENGTH\_SHORT*).show();  
  
 if (text.equals("skg") && text1.equals("123")) {  
  
 Toast.*makeText*(MainActivity.this, "Success", Toast.*LENGTH\_LONG*).show();  
 }  
 else {  
 Toast.*makeText*(MainActivity.this, "Failed", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 }  
}

**Output:**