

```
1 package com.example.hellotoast;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.graphics.Color;
6 import android.os.Bundle;
7 import android.view.Gravity;
8 import android.view.View;
9 import android.widget.TextView;
10 import android.widget.Toast;
11
12 import java.util.Random;
13
14 public class MainActivity extends AppCompatActivity {
15
16     private int count=0;
17     private TextView disp;
18     @Override
19     protected void onCreate(Bundle savedInstanceState) {
20         super.onCreate(savedInstanceState);
21         setContentView(R.layout.activity_main);
22         disp = (TextView) findViewById(R.id.display);
23     }
24     public void showToast(View view) {
25         TextView text;
26         Toast toast = Toast.makeText(this, "The current
count is "+Integer.toString(count), Toast.LENGTH_SHORT);
27         view = toast.getView();
28         text = (TextView) view.findViewById(android.R.id.
message);
29         text.setTextColor(getResources().getColor(R.color.
black));
30         text.setTextSize(18);
31         view.setBackgroundColor(Color.parseColor("#f2ccff"
));
32         toast.setGravity(Gravity.CENTER, 0, 500);
33         toast.show();
34     }
35
36     public void counter(View v) {
37         count++;
38         if (disp != null) {
39             Random rnd = new Random();
40             disp.setTextSize(150);
41             int color = Color.rgb(rnd.nextInt(256), rnd.
nextInt(256), rnd.nextInt(256));
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42         disp.setTextColor(color);
43         disp.setText(Integer.toString(count));
44     }
45 }
46 }
```