

```
1 package com.example.app_life_cycle;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6 import android.util.Log;
7 import android.view.View;
8 import android.widget.TextView;
9 import android.widget.Toast;
10
11 import java.util.Random;
12
13 public class MainActivity2 extends AppCompatActivity {
14
15     private String messages[] = {
16         "Love is flower-like.\n" +
17         "Friendship is like a sheltering tree.",
18         "You are loved.",
19
20         "I may not be where I want to be,\n" +
21         "but I'm thankful for not being\n" +
22         "where I was.",
23
24         "There are things in life that you can't\n" +
25         "control, and aren't supposed to.",
26         "I'd never lived before your love.",
27
28         "With you,\n" +
29         "I am home.",
30
31         "You make it look easy.\n" +
32         "The fact is it's really\n" +
33         "hard and you do it anyway.",
34
35         "Distractions will look like\n" +
36         "opportunities when you don't\n" +
37         "know where you are going.",
38
39         "Two things you will\n" +
40         "never have to chase:\n" +
41         "True friends and true love.",
42
43         "God will never give you\n" +
44         "anything you can't handle,\n" +
45         "so don't stress.",
46
```

```

47         "Some things have to be\n" +
48             "believed to be seen.",
49
50         "Believe something and the\n" +
51             "universe is on its way to\n" +
52             "being changed.",
53
54         "Our words have power,\n" +
55             "but our actions shape our lives.",
56
57         "Love yourself first and\n" +
58             "then everything falls into line.",
59
60         "Authenticity is the daily\n" +
61             "practice of letting go of who\n" +
62             "we think we're supposed to be\n" +
63             "and embracing who we are.",
64
65         "The only impossible journey\n" +
66             "is the one you never begin.",
67
68         "Adjust, chill out, and be happy.",
69
70         "Today you are you! That is truer\n" +
71             "than true! There is no one alive\n" +
72             "who is you-er than you!"
73     };
74     Random rand = new Random();
75     Boolean start = true;
76     private TextView main_disp;
77
78     @Override
79     protected void onCreate(Bundle savedInstanceState) {
80         super.onCreate(savedInstanceState);
81         setContentView(R.layout.activity_main2);
82         main_disp = (TextView) findViewById(R.id.fort);
83         Log.d("Activity_Lifecycle", "Cookie_onCreate_Invoked
84 ");
85         Toast.makeText(MainActivity2.this, "Cookie_Activity
86 Created", Toast.LENGTH_SHORT).show();
87     }
88
89     public void generate(View v)
90     {
91         int rand_int1 = rand.nextInt(15);
92         main_disp.setText(messages[rand_int1]);

```

```
91     }
92
93     public void destroy(View v)
94     {
95         finish();
96         System.exit(0);
97     }
98     @Override
99     protected void onStart()
100    {
101        super.onStart();
102        Log.d("Activity_Lifecycle", "
Cookiee_onStart_Invoked");
103        Toast.makeText(MainActivity2.this, "
Cookie_Activity Started",Toast.LENGTH_SHORT).show();
104    }
105
106    @Override
107    protected void onResume()
108    {
109        super.onResume();
110        Log.d("Activity_Lifecycle", "
Cookie_onResume_Invoked");
111        Toast.makeText(MainActivity2.this, "
Cookiee_Activity Resumed",Toast.LENGTH_SHORT).show();
112    }
113
114    @Override
115    protected void onPause()
116    {
117        super.onPause();
118        Log.d("Activity_Lifecycle", "Cookie_onPause_Invoked
");
119        Toast.makeText(MainActivity2.this, "
Cookiee_Activity Paused",Toast.LENGTH_SHORT).show();
120    }
121
122    @Override
123    protected void onStop()
124    {
125        super.onStop();
126        Log.d("Activity_Lifecycle", "Cookie_onStop_Invoked"
);
127        Toast.makeText(MainActivity2.this, "
Cookie_Activity Stopped",Toast.LENGTH_SHORT).show();
128    }
```

```
129
130     @Override
131     protected void onRestart()
132     {
133         super.onRestart();
134         Log.d("Activity_Lifecycle", "
Cookie_onRestart_Invoked");
135         Toast.makeText(MainActivity2.this, "
Cookie_Activity Restarted",Toast.LENGTH_SHORT).show();
136     }
137
138     @Override
139     protected void onDestroy()
140     {
141         super.onDestroy();
142         Log.d("Activity_Lifecycle", "
Cookie_onDestroy_Invoked");
143         Toast.makeText(MainActivity2.this, "
Cookie_Activity Destroyed",Toast.LENGTH_SHORT).show();
144     }
145 }
146
```