```java
 1 package com.example.progressbar;
 2
 3 import androidx.appcompat.app.AppCompatActivity;
 4
 5 import android.os.Bundle;
 6 import android.os.Handler;
 7 import android.view.View;
 8 import android.widget.Button;
 9 import android.widget.ProgressBar;
10 import android.widget.TextView;
11
12 public class MainActivity extends AppCompatActivity {
13     private ProgressBar pgsBar;
14     private int i = 0;
15     private TextView txtView;
16     private Handler hdlr = new Handler();
17
18     @Override
19     protected void onCreate(Bundle savedInstanceState
   ) {
20         super.onCreate(savedInstanceState);
21         setContentView(R.layout.activity_main);
22         pgsBar = (ProgressBar) findViewById(R.id.pBar
   );
23         txtView = (TextView) findViewById(R.id.tView
   );
24         Button btn = (Button) findViewById(R.id.
   btnShow);
25         btn.setOnClickListener(new View.
   OnClickListener() {
26             @Override
27             public void onClick(View v) {
28                 i = pgsBar.getProgress();
29                 new Thread(new Runnable() {
30                     @Override
31                     public void run() {
32                         while (i < 100) {
33                             i += 1;
34                             hdlr.post(new Runnable
   () {
35                                 @Override
```

```java
36                              public void run() {
37                                  pgsBar.
   setProgress(i);
38                                  txtView.setText(i
    + "/" + pgsBar.getMax());
39                              }
40                          });
41                          try {
42                              Thread.sleep(100);
43                          } catch (
   InterruptedException e) {
44                              e.printStackTrace();
45                          }
46
47                      }
48
49                  }
50
51              }).start();
52          }
53
54
55      });
56  }
57 }
```