

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help Authentication - Register.java [Authentication.app.main]

Authentication > app > src > main > java > com > example > authentication > Register >

register.xml x Register.java x login.xml x Login.java x dash\_board.xml x Dashboard.java x statistics.xml x Statistics.java x febonacci.xml x Febonacci.java x

```
1 package com.example.authentication;
2
3 import ...
4
11
12 public class Register extends AppCompatActivity {
13     EditText email, pass;
14     Button signup;
15     @Override
16     protected void onCreate(Bundle savedInstanceState) {
17         super.onCreate(savedInstanceState);
18         setContentView(R.layout.register);
19         email = findViewById(R.id.reg_email);
20         pass = findViewById(R.id.reg_pass);
21         signup = findViewById(R.id.signup_button);
22         signup.setOnClickListener(new View.OnClickListener() {
23             @Override
24             public void onClick(View v) {
25                 String EMAIL = email.getText().toString();
26                 String PASS = pass.getText().toString();
27                 if (EMAIL.isEmpty() || PASS.isEmpty() || PASS.length() < 8) {
28                     Toast.makeText(context: Register.this, text: "Enter UserName/Password/Password Too Short", Toast.LENGTH_SHORT).show();
29                 } else {
30                     Intent intent = new Intent(packageContext: Register.this, Login.class);
31                     intent.putExtra(name: "email", EMAIL);
32                     intent.putExtra(name: "password", PASS);
33                     startActivity(intent);
34                 }
35             }
36         });
37     }
38 }
```

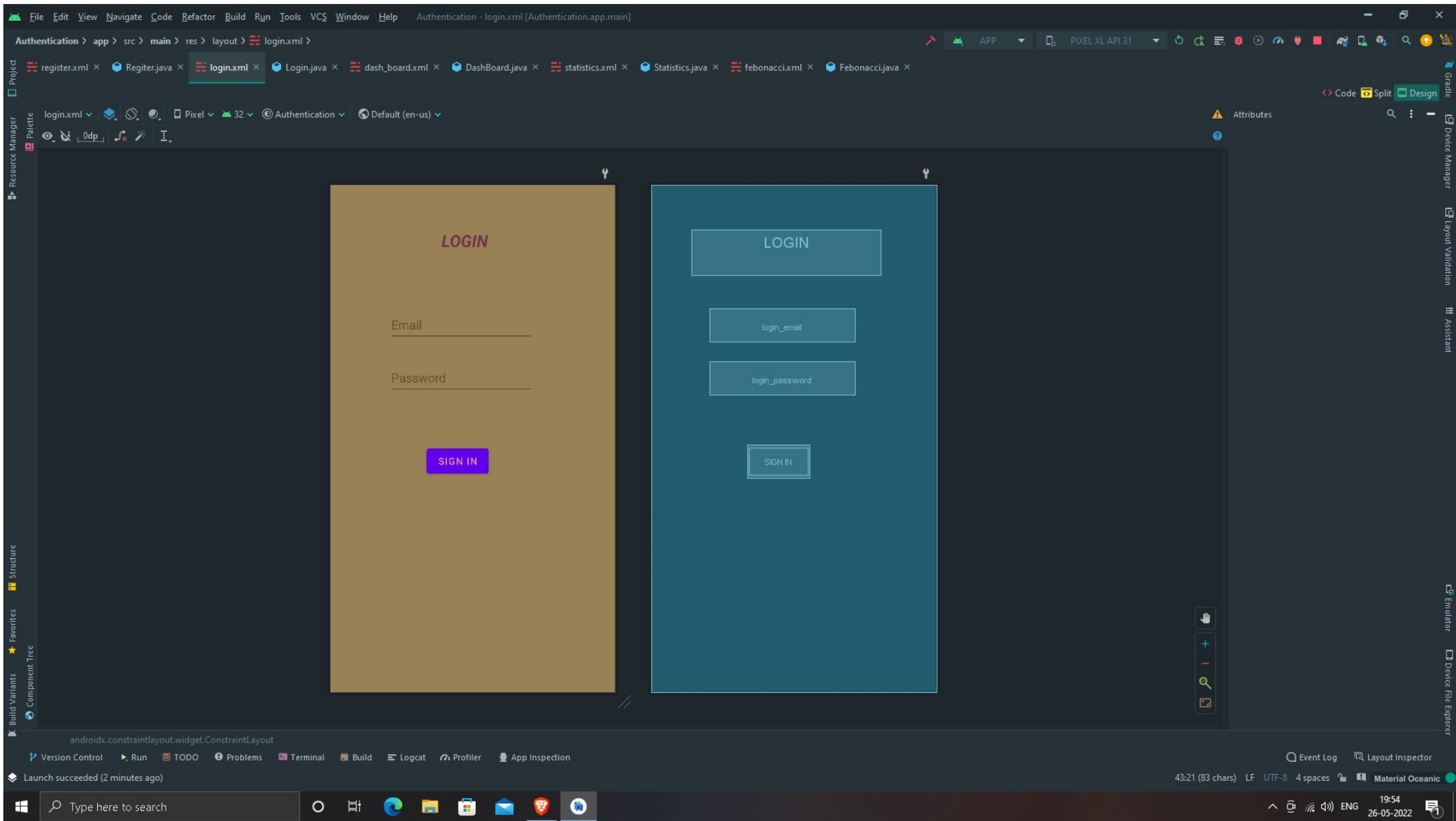
Version Control Run TODO Problems Terminal Build Logcat Profiler App Inspection

Launch succeeded (3 minutes ago)

Event Log Layout Inspector

11:1 LF UTF-8 4 spaces Material Oceanic

19:55 26-05-2022



File Edit View Navigate Code Refactor Build Run Tools VCS Window Help Authentication - Login.java [Authentication.app.main]

Authentication > app > src > main > java > com > example > authentication > Login > onCreate > anonymous OnClickListener > onClick

register.xml × Register.java × login.xml × Login.java × dash\_board.xml × Dashboard.java × statistics.xml × Statistics.java × febonacci.xml × Febonacci.java ×

```
import ...

11
12 public class Login extends AppCompatActivity {
13     EditText email,pass;
14     Button signin;
15     @Override
16     protected void onCreate(Bundle savedInstanceState) {
17         super.onCreate(savedInstanceState);
18         setContentView(R.layout.login);
19         email = findViewById(R.id.login_email);
20         pass = findViewById(R.id.login_password);
21         signin = findViewById(R.id.signin_button);
22         signin.setOnClickListener(new View.OnClickListener() {
23             @Override
24             public void onClick(View v) {
25                 Intent intent = getIntent();
26                 String REG_EMAIL = intent.getStringExtra( name: "email");
27                 String REG_PASS = intent.getStringExtra( name: "password");
28                 String EMAIL = email.getText().toString();
29                 String PASS = pass.getText().toString();
30                 Intent intent1 = new Intent( packageContext: Login.this,DashBoard.class);
31                 if(REG_EMAIL.equals(EMAIL) && REG_PASS.equals(PASS)){
32                     startActivity(intent1);
33                 }else if(EMAIL.isEmpty() || PASS.isEmpty()){
34                     Toast.makeText( context: Login.this, text: "Enter UserName/Password" , Toast.LENGTH_LONG).show();
35                 }else{
36                     Toast.makeText( context: Login.this, text: "Incorrect UserName/Password" , Toast.LENGTH_LONG).show();
37                 }
38             }
39         });
40     }
41 }
42 }
```

Project Resource Manager Structure Favorites Build Variants

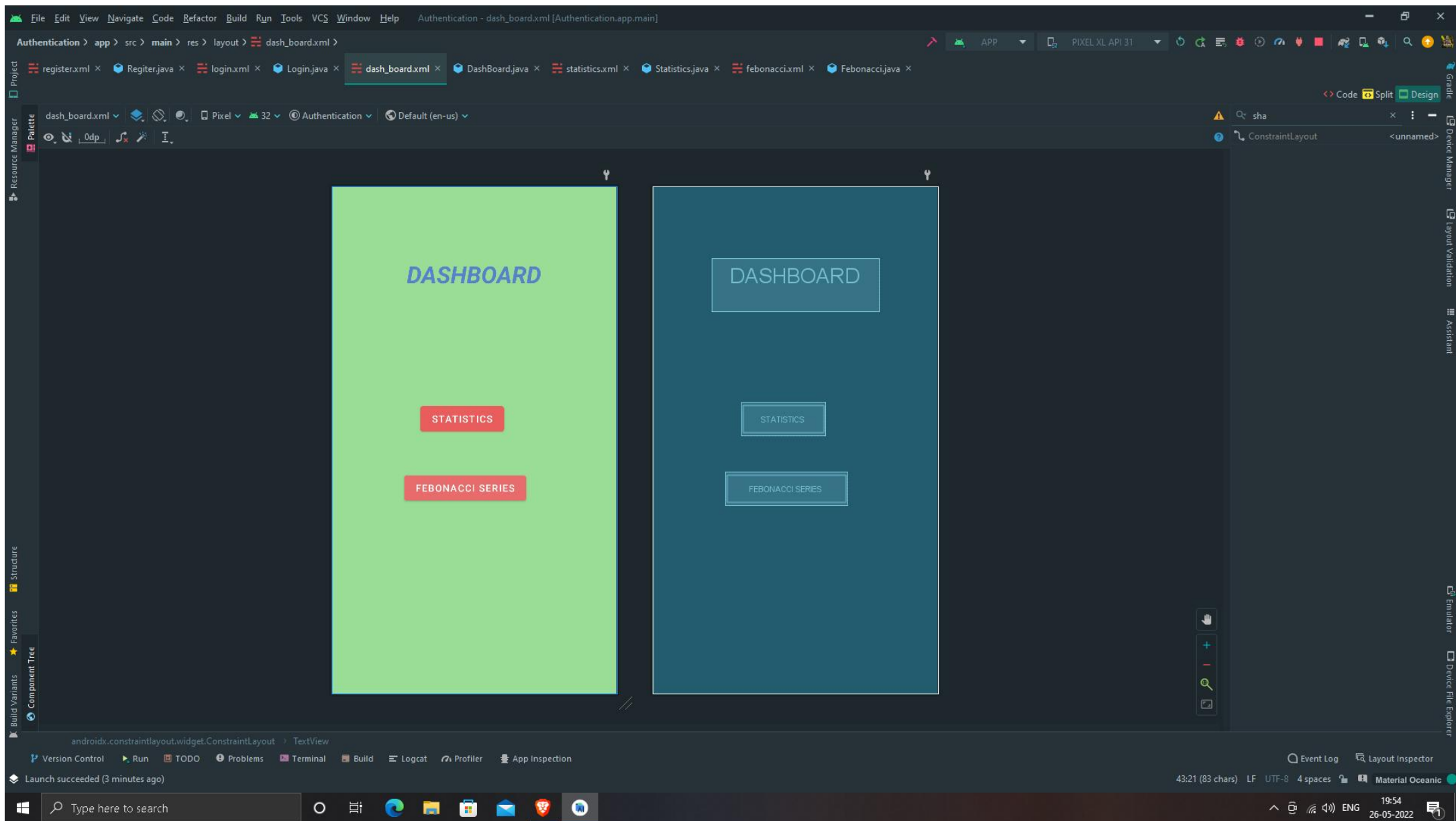
Version Control Run TODO Problems Terminal Build Logcat Profiler App Inspection

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Event Log Layout Inspector

27:69 LF UTF-8 4 spaces Material Oceanic

19:55 26-05-2022



File Edit View Navigate Code Refactor Build Run Tools VCS Window Help Authentication - DashBoard.java [Authentication.app.main]

Authentication > app > src > main > java > com > example > authentication > DashBoard > onCreate >

register.xml × Register.java × login.xml × Login.java × dash\_board.xml × DashBoard.java × statistics.xml × Statistics.java × febonacci.xml × Febonacci.java ×

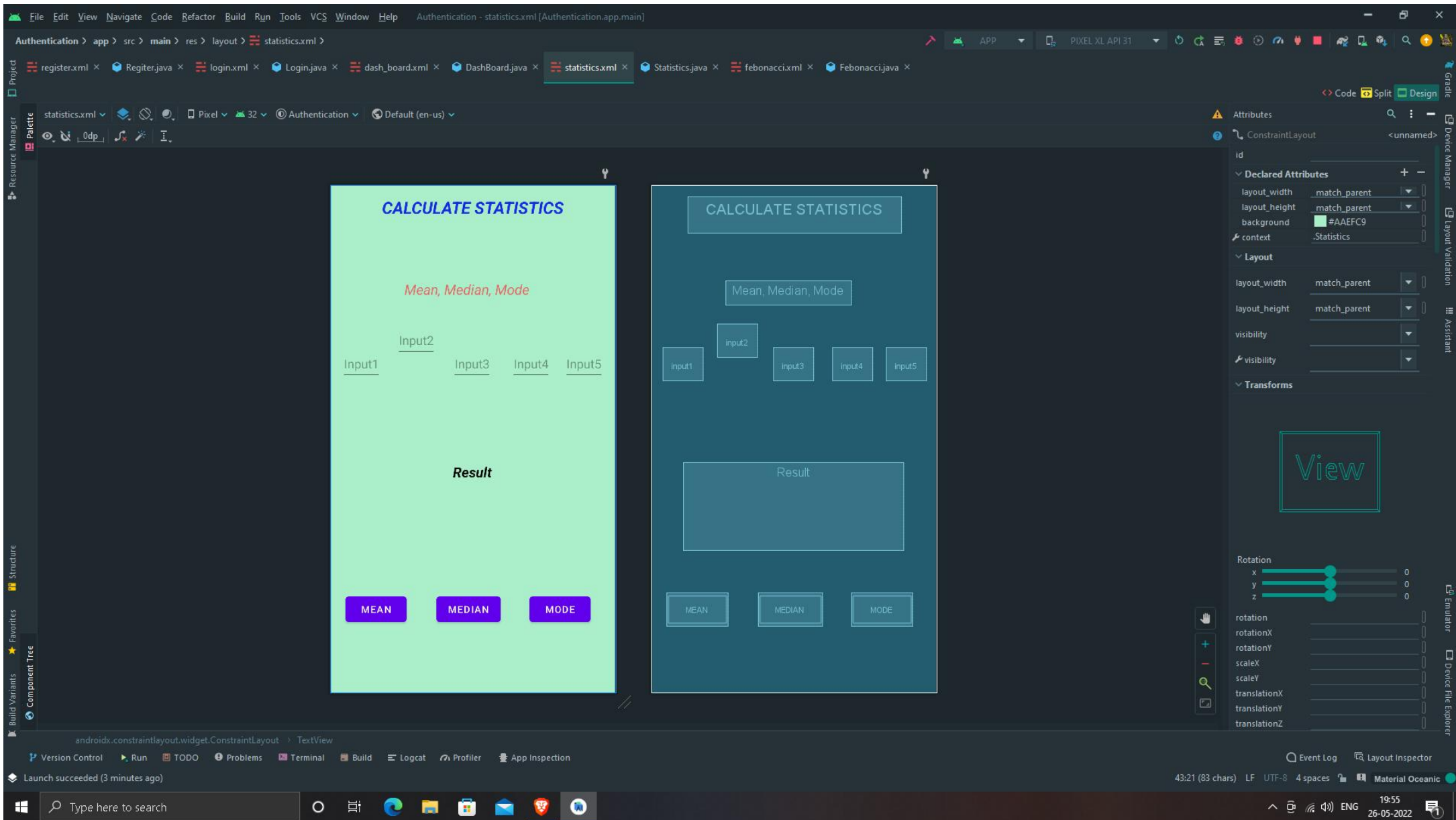
```
1 package com.example.authentication;
2
3 import android.content.Intent;
4 import android.os.Bundle;
5 import android.widget.Button;
6
7 import androidx.appcompat.app.AppCompatActivity;
8
9 public class DashBoard extends AppCompatActivity {
10     Button stats,feb;
11     @Override
12     protected void onCreate(Bundle savedInstanceState) {
13         super.onCreate(savedInstanceState);
14         setContentView(R.layout.dash_board);
15         stats = findViewById(R.id.statistic_button);
16         feb = findViewById(R.id.feba_button);
17         stats.setOnClickListener(v -> {
18             Intent intent1 = new Intent( packageContext: DashBoard.this,Statistics.class);
19             startActivity(intent1);
20         });
21         feb.setOnClickListener(v -> {
22             Intent intent2 = new Intent( packageContext: DashBoard.this,Febonacci.class);
23             startActivity(intent2);
24         });
25     }
26 }
```

Project Resource Manager Structure Favorites Build Variants Version Control Run TODO Problems Terminal Build Logcat Profiler App Inspection Launch succeeded (4 minutes ago)

APP PIXEL XL API 31

Event Log Layout Inspector 25:6 LF UTF-8 4 spaces Material Oceanic 19:56 26-05-2022





File Edit View Navigate Code Refactor Build Run Tools VCS Window Help Authentication - Statistics.java [Authentication.app.main]

Authentication > app > src > main > java > com > example > authentication > Statistics > onCreate >

register.xml x Register.java x login.xml x Login.java x dash\_board.xml x Dashboard.java x statistics.xml x Statistics.java x febonacci.xml x Febonaccijava x

```
22 super.onCreate(savedInstanceState);
23 setContentView(R.layout.statistics);
24 mean = findViewById(R.id.mean_button);
25 median = findViewById(R.id.median_button);
26 mode = findViewById(R.id.mode_button);
27 input1 = findViewById(R.id.input1);
28 input2 = findViewById(R.id.input2);
29 input3 = findViewById(R.id.input3);
30 input4 = findViewById(R.id.input4);
31 input5 = findViewById(R.id.input5);
32 result = findViewById(R.id.statistics_result);
33
34
35
36 // calculate mean
37 mean.setOnClickListener(new View.OnClickListener() {
38     @Override
39     public void onClick(View v) {
40         String number1 = input1.getText().toString();
41         String number2 = input2.getText().toString();
42         String number3 = input3.getText().toString();
43         String number4 = input4.getText().toString();
44         String number5 = input5.getText().toString();
45         if (number1.isEmpty() || number2.isEmpty() || number3.isEmpty() || number4.isEmpty() || number5.isEmpty()) {
46             Toast.makeText(context: Statistics.this, text: "Enter A Valid Number", Toast.LENGTH_SHORT).show();
47         } else {
48             int num1 = Integer.parseInt(number1);
49             int num2 = Integer.parseInt(number2);
50             int num3 = Integer.parseInt(number3);
51             int num4 = Integer.parseInt(number4);
52             int num5 = Integer.parseInt(number5);
53             double mean = (((double) num1 + (double) num2 + (double) num3 + (double) num4 + (double) num5) / 2);
54             result.setText("Mean is : " + mean);
55         }
56     }
57 }
```

Version Control Run TODO Problems Terminal Build Logcat Profiler App Inspection

Launch succeeded (5 minutes ago)

Event Log Layout Inspector

88:25 LF UTF-8 4 spaces Material Oceanic

19:57 26-05-2022



File Edit View Navigate Code Refactor Build Run Tools VCS Window Help Authentication - Statistics.java [Authentication.app.main]

Authentication > app > src > main > java > com > example > authentication > Statistics > onCreate > anonymous OnClickListener > onClick >

register.xml x Register.java x login.xml x Login.java x dash\_board.xml x Dashboard.java x statistics.xml x Statistics.java x febonacci.xml x Febonacci.java x

```
52     int num5 = Integer.parseInt(number5);
53     double mean = (((double) num1 + (double) num2 + (double) num3 + (double) num4 + (double) num5) / 2);
54     result.setText("Mean is ." + mean);
55
56 }
57
58 });
59
60
61 //calculate median
62 median.setOnClickListener(new View.OnClickListener() {
63     @Override
64     public void onClick(View v) {
65         String number1 = input1.getText().toString();
66         String number2 = input2.getText().toString();
67         String number3 = input3.getText().toString();
68         String number4 = input4.getText().toString();
69         String number5 = input5.getText().toString();
70         if (number1.isEmpty() || number2.isEmpty() || number3.isEmpty() || number4.isEmpty() || number5.isEmpty()) {
71             Toast.makeText(context, Statistics.this, text: "Enter A Valid Number", Toast.LENGTH_SHORT).show();
72         } else {
73             ArrayList<Integer> arrayList = new ArrayList<>();
74             arrayList.add(Integer.parseInt(number1));
75             arrayList.add(Integer.parseInt(number2));
76             arrayList.add(Integer.parseInt(number3));
77             arrayList.add(Integer.parseInt(number4));
78             arrayList.add(Integer.parseInt(number5));
79             Collections.sort(arrayList);
80             // int cal = totalNumber/2 = 5/2=2.5 = 3;
81             int median = arrayList.get(2);
82             result.setText("Median is ." + median);
83         }
84     }
85 });
86
87
88 //calculate moda
```

Version Control Run TODO Problems Terminal Build Logcat Profiler App Inspection

Launch succeeded (a minute ago)

74:62 LF UTF-8 4 spaces Material Oceanic

20:09 26-05-2022

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help Authentication - Statistics.java [Authentication.app.main]

Authentication > app > src > main > java > com > example > authentication > Statistics > onCreate >

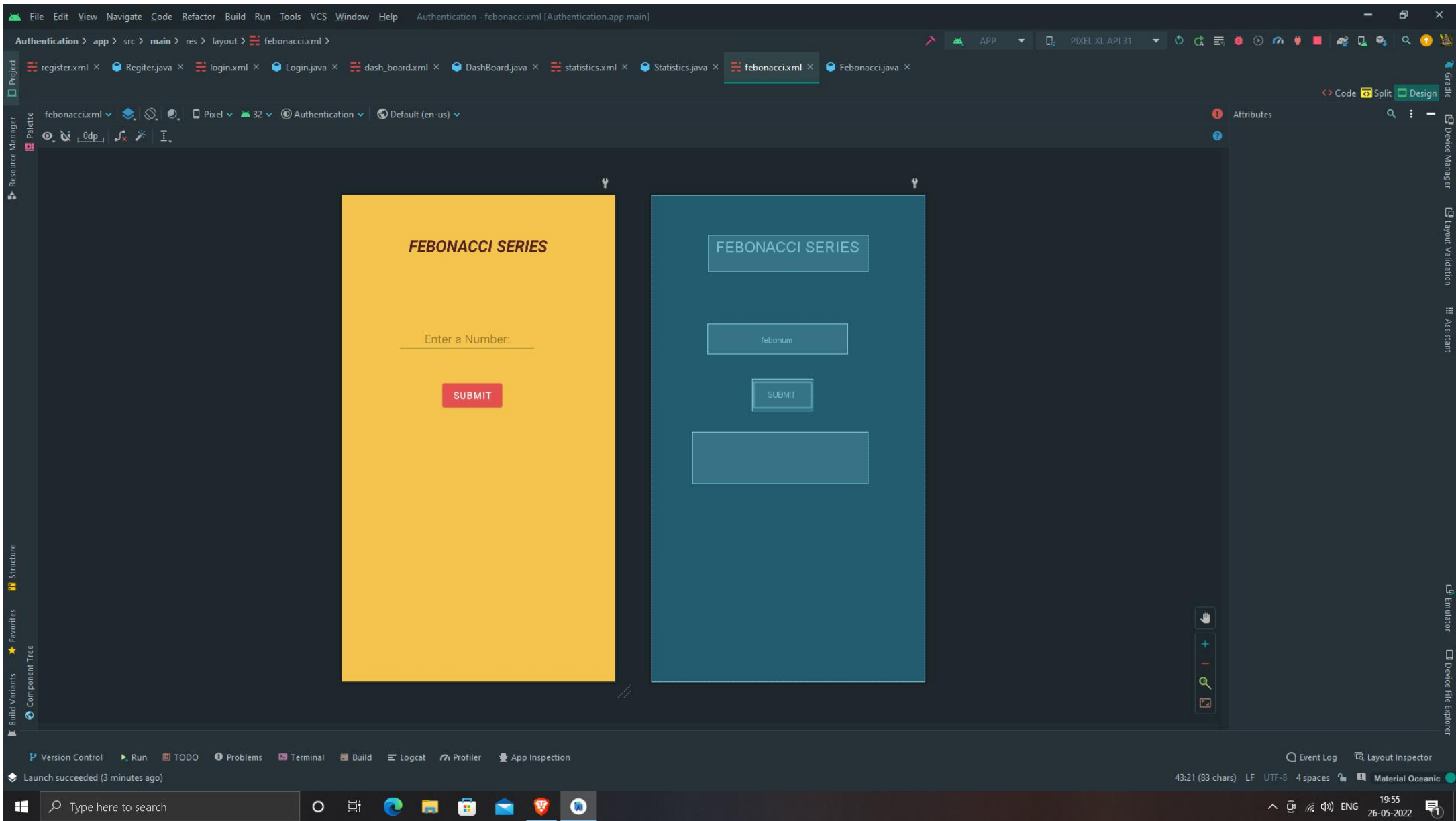
register.xml x Register.java x login.xml x Login.java x dash\_board.xml x Dashboard.java x statistics.xml x Statistics.java x febonacci.xml x Febonacci.java x

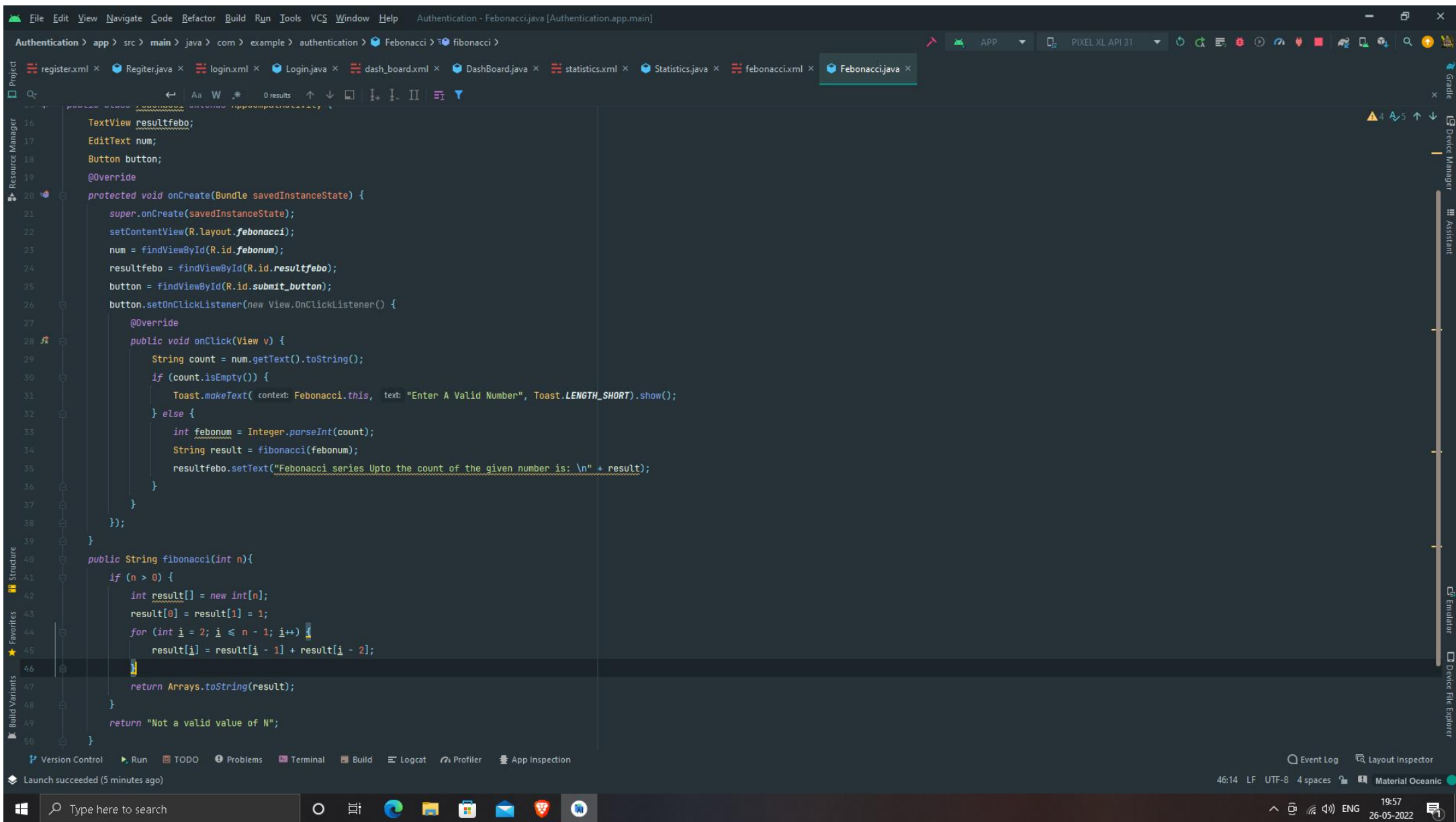
```
88 //calculate mode
89 mode.setOnClickListener(new View.OnClickListener() {
90     @Override
91     public void onClick(View v) {
92         String number1 = input1.getText().toString();
93         String number2 = input2.getText().toString();
94         String number3 = input3.getText().toString();
95         String number4 = input4.getText().toString();
96         String number5 = input5.getText().toString();
97         if (number1.isEmpty() || number2.isEmpty() || number3.isEmpty() || number4.isEmpty() || number5.isEmpty()) {
98             Toast.makeText( context: Statistics.this, text: "Enter A Valid Number", Toast.LENGTH_SHORT).show();
99         } else {
100             int arr[] = new int[5];
101             arr[0] = Integer.parseInt(number1);
102             arr[1] = Integer.parseInt(number2);
103             arr[2] = Integer.parseInt(number3);
104             arr[3] = Integer.parseInt(number4);
105             arr[4] = Integer.parseInt(number5);
106             int maxValue = -1;
107             int maxCount = -1;
108             for (int i = 0; i < arr.length; i++) {
109                 int count = 0;
110                 for (int j = 0; j < arr.length; j++) {
111                     if (arr[j] == arr[i])
112                         count++;
113                 }
114                 if (count > maxCount) {
115                     maxValue = arr[i];
116                     maxCount = count;
117                 }
118             }
119             result.setText(" Mode is : " + maxValue);
120         }
121     }
122 }
123 };
```

Project Resource Manager Structure Favorites Build Variants Version Control Run TODO Problems Terminal Build Logcat Profiler App Inspection

Launch succeeded (5 minutes ago)

Event Log Layout Inspector 88:25 LF UTF-8 4 spaces Material Oceanic 19:57 26-05-2022





7:59

## Authentication

*Xelpmoc Design And Tech Limited*

*Assignment*

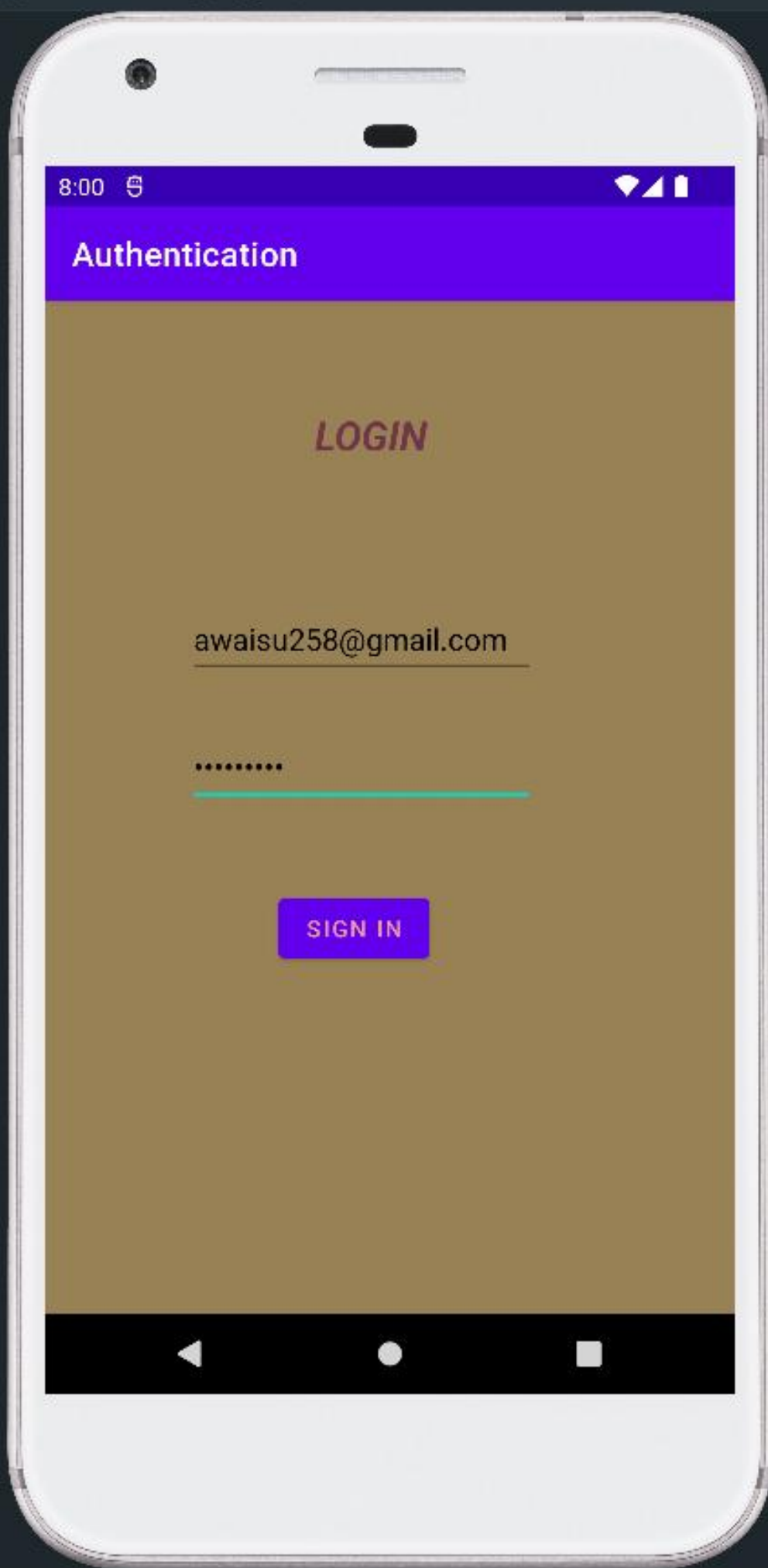
# REGISTER

awaisu258@gmail.com

.....

SIGN UP







8:00

## Authentication

# DASHBOARD

STATISTICS

FEBONACCI SERIES





8:00



## Authentication

### ***CALCULATE STATISTICS***

*Mean, Median, Mode*

Input1Input2Input3Input4Input5

***Result***

MEAN

MEDIAN

MODE



8:00



## Authentication

### ***CALCULATE STATISTICS***

*Mean, Median, Mode*

1 2 3 4 5

***Mean is :7.5***

MEAN

MEDIAN

MODE





8:10



## Authentication

### CALCULATE STATISTICS

*Mean, Median, Mode*

4      5      6      7      8

***Median is :6***

MEAN

MEDIAN

MODE



8:10



## Authentication

### ***CALCULATE STATISTICS***

*Mean, Median, Mode*

4

4

3

3

3

***Mode is :3***

**MEAN****MEDIAN****MODE**

8:11



## Authentication

### ***FEBONACCI SERIES***

**SUBMIT**

***Febonacci series Upto the  
count of the given number is:  
[1, 1, 2, 3, 5, 8, 13, 21, 34, 55]***

