

day-10(shared preferences) > app > src > main > res > layout > activity_registration.xml

activity_main.xml

activity_registration.xml

RegistrationActivity.java

activity_login.xml

LoginActivity.java

activity_display.xml

DisplayActivity.java

AndroidManifest.xml

MainActivity.java

Code

Split

Design

1<?xml version="1.0" encoding="utf-8"?>

2<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

3 xmlns:app="http://schemas.android.com/apk/res-auto"

4 xmlns:tools="http://schemas.android.com/tools"

5 android:layout_width="match_parent"

6 android:layout_height="match_parent"

7 android:orientation="vertical"

8 tools:context=".RegistrationActivity">

9 <EditText

10 android:id="@+id/etName"

11 android:layout_width="match_parent"

12 android:layout_height="wrap_content"

13 android:ems="10"

14 android:inputType="textPersonName"

15 android:hint="Enter Name" />

16 <EditText

17 android:id="@+id/etEmail"

18 android:layout_width="match_parent"

19 android:layout_height="wrap_content"

20 android:hint="Enter Email id"

21 android:inputType="textEmailAddress" />

22 <EditText

23 android:id="@+id/etPassword"

24 android:layout_width="match_parent"

25 android:layout_height="wrap_content"

26 android:hint="Enter Password"

27 android:inputType="textPassword" />

28 <EditText

29 android:id="@+id/etMobile"

30 android:layout_width="match_parent"

31 android:layout_height="wrap_content"

32 android:hint="Enter Mobile No"

33 android:inputType="phone" />

34 <LinearLayout

35 android:layout_width="match_parent"

36 android:layout_height="wrap_content"

37 android:orientation="horizontal"

38 android:gravity="center">

39 <Button

40 android:id="@+id/btnRegister"

41 android:layout_width="wrap_content"

42 android:layout_height="wrap_content"

43 android:text="Sign up"

44 android:layout_gravity="center" />

45 </LinearLayout>

46 </LinearLayout>

47</LinearLayout>

10

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v

Palette

Attributes

Layout Validation

Device File Explorer

Emulator

11:00

day-10(shared preferences)

Enter Name

Enter Email id

Enter Password

Enter Mobile No

SIGN UP

Component Tree

LinearLayout

Build Variants

2: Favorites

1: Project

Resource Manager

1: Project

Build Variants

2: Favorites

1: Project

Resource Manager

TODO

6: Problems

Terminal

Database Inspector

Profiler

4: Run

Build

Logcat

Event Log

Layout Inspector

Launch succeeded (3 minutes ago)

2:1

CRLF

UTF-8

4 spaces

day-10(shared preferences) > app > src > main > java > com > techerrors > day_10sharedpreferences > RegistrationActivity

activity_main.xml × activity_registration.xml × RegistrationActivity.java × activity_login.xml × LoginActivity.java × activity_display.xml × DisplayActivity.java × AndroidManifest.xml × MainActivity.java ×

1 package com.techerrors.day_10sharedpreferences;

2

3 import ...

11

12 public class RegistrationActivity extends AppCompatActivity {

13 EditText etName, etEmail, etPassword, etMobile;

14 Button btnRegister;

15

16 //define all keys

17 public static final String main_key="my_pref";

18 public static final String name_key="nameKey";

19 public static final String email_key="emailKey";

20 public static final String password_key="passwordKey";

21 public static final String contact_key="contactKey";

22

23 @Override

24 protected void onCreate(Bundle savedInstanceState) {

25 super.onCreate(savedInstanceState);

26 setContentView(R.layout.activity_registration);

27 etName = findViewById(R.id.etName);

28 etEmail = findViewById(R.id.etEmail);

29 etMobile = findViewById(R.id.etMobile);

30 etPassword = findViewById(R.id.etPassword);

31 btnRegister = findViewById(R.id.btnRegister);

32

33 btnRegister.setOnClickListener((View v) -> {

34 // create object of SharedPreferences

35 SharedPreferences preferences = getSharedPreferences(main_key, MODE_PRIVATE);

36

37 String userName = etName.getText().toString();

38 String userEmail = etEmail.getText().toString();

39 String userPassword = etPassword.getText().toString();

40 String userMobile = etMobile.getText().toString();

41

42 //create object of Editor class

43 SharedPreferences.Editor editor = preferences.edit();

44 //...

45

46 editor.putString(name_key, userName);

47 editor.putString(email_key, userEmail);

48 editor.putString(password_key, userPassword);

49 editor.putString(contact_key,userMobile);

50

51 editor.commit();

52

53 Intent intent = new Intent(RegistrationActivity.this, LoginActivity.class);

54 startActivity(intent);

55

56 });

57 }

58 }

1: Project

Resource Manager

2: Favorites

Build Variants

Structure

Device File Explorer

Emulator

TODO

6: Problems

Terminal

Database Inspector

Profiler

4: Run

Build

Logcat

Event Log

Layout Inspector

Launch succeeded (4 minutes ago)

11:1 CRLF UTF-8 4 spaces

day-10(shared preferences) > app > src > main > res > layout > activity_login.xml

activity_main.xml

activity_registration.xml

RegistrationActivity.java

activity_login.xml

LoginActivity.java

activity_display.xml

DisplayActivity.java

AndroidManifest.xml

MainActivity.java

Code

Split

Design

11

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▼

Palette

Pixel 30

Attributes

Layout Validation

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```
<?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:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".LoginActivity">

    <EditText
        android:id="@+id/etEmail"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Email id"
        android:inputType="textEmailAddress" />

    <EditText
        android:id="@+id/etPassword"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Password"
        android:inputType="textPassword" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:gravity="center">
        <Button
            android:id="@+id/btnLogin"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Login"
            android:layout_marginRight="10sp"/>
        <Button
            android:id="@+id/btnSignup"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Sign up"
            android:layout_gravity="center"
            android:layout_marginRight="10sp"/>
    </LinearLayout>
</LinearLayout>
```

LinearLayout

11:00

day-10(shared preferences)

Enter Email id

Enter Password

LOGIN

SIGN UP

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FileEditViewNavigateCodeAnalyzeRefactorBuildRunToolsVCSWindowHelp

day-10(shared preferences) - LoginActivity.java [day-10(shared_preferences).app]

day-10(shared preferences) > app > src > main > java > com > techerrors > day_10sharedpreferences > LoginActivity > onCreate > Lambda

activity_main.xml × activity_registration.xml × RegistrationActivity.java × activity_login.xml × LoginActivity.java × activity_display.xml × DisplayActivity.java × AndroidManifest.xml × MainActivity.java ×

1package com.techerrors.day_10sharedpreferences;

2

3import ...

12

13public class LoginActivity extends AppCompatActivity {

14 EditText etEmail,etPassword;

15 Button btnLogin,btnSignup;

16

17 //define all keys

18 public static final String main_key="my_pref";

19 public static final String name_key ="nameKey";

20 public static final String email_key="emailKey";

21 public static final String password_key="passwordKey";

22 public static final String contact_key = "contactKey";

23

24 @Override

25 protected void onCreate(Bundle savedInstanceState) {

26 super.onCreate(savedInstanceState);

27 setContentView(R.layout.activity_login);

28 etEmail = findViewById(R.id.etEmail);

29 etPassword = findViewById(R.id.etPassword);

30 btnLogin = findViewById(R.id.btnLogin);

31 btnSignup = findViewById(R.id.btnSignup);

32 btnLogin.setOnClickListener((View v) -> {

33 String userEmail = etEmail.getText().toString();

34 String userPassword = etPassword.getText().toString();

35

36 //create object of SharedPreferences

37 SharedPreferences preferences = getSharedPreferences(main_key, MODE_PRIVATE);

38 //Use getString() method of SharedPreferences to fetch data

39 //getString() method has two parameters: "key", "default value"

40 String username1 = preferences.getString(name_key, "");

1: Project

Resource Manager

2: Favorites

Build Variants

7: Structure

Device File Explorer

Emulator

TODO

6: Problems

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4: Run

Build

Logcat

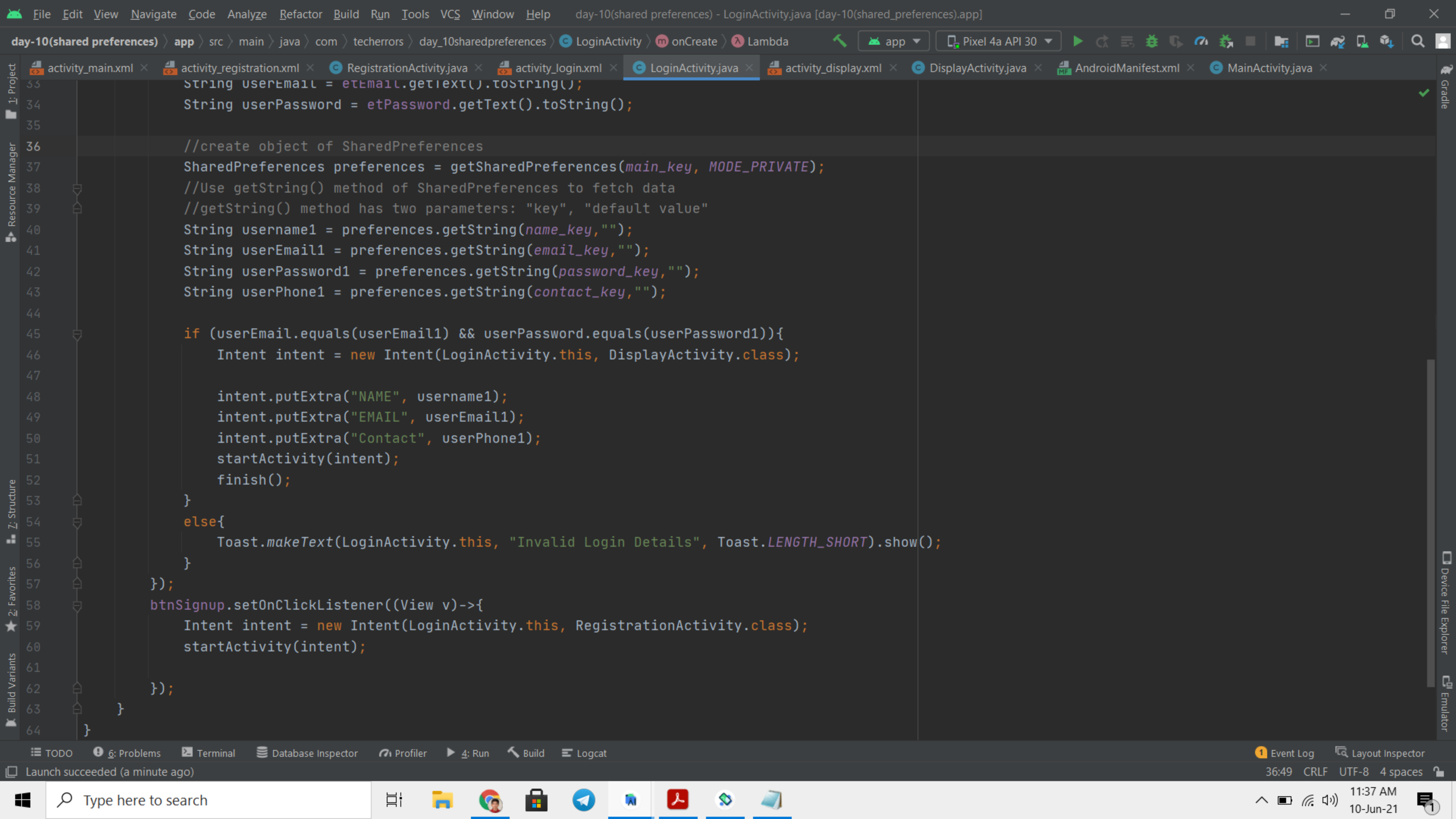
Event Log

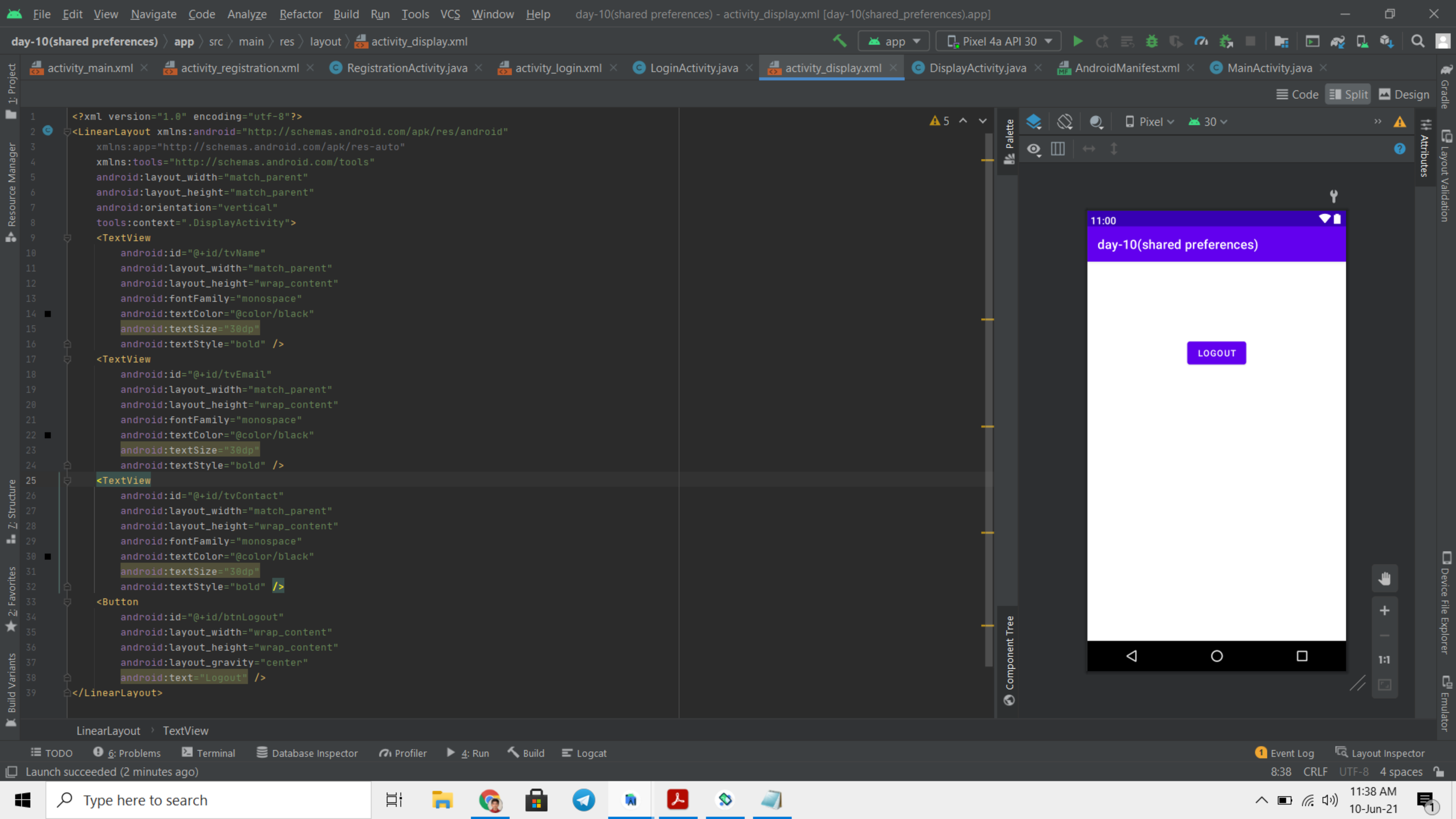
Layout Inspector

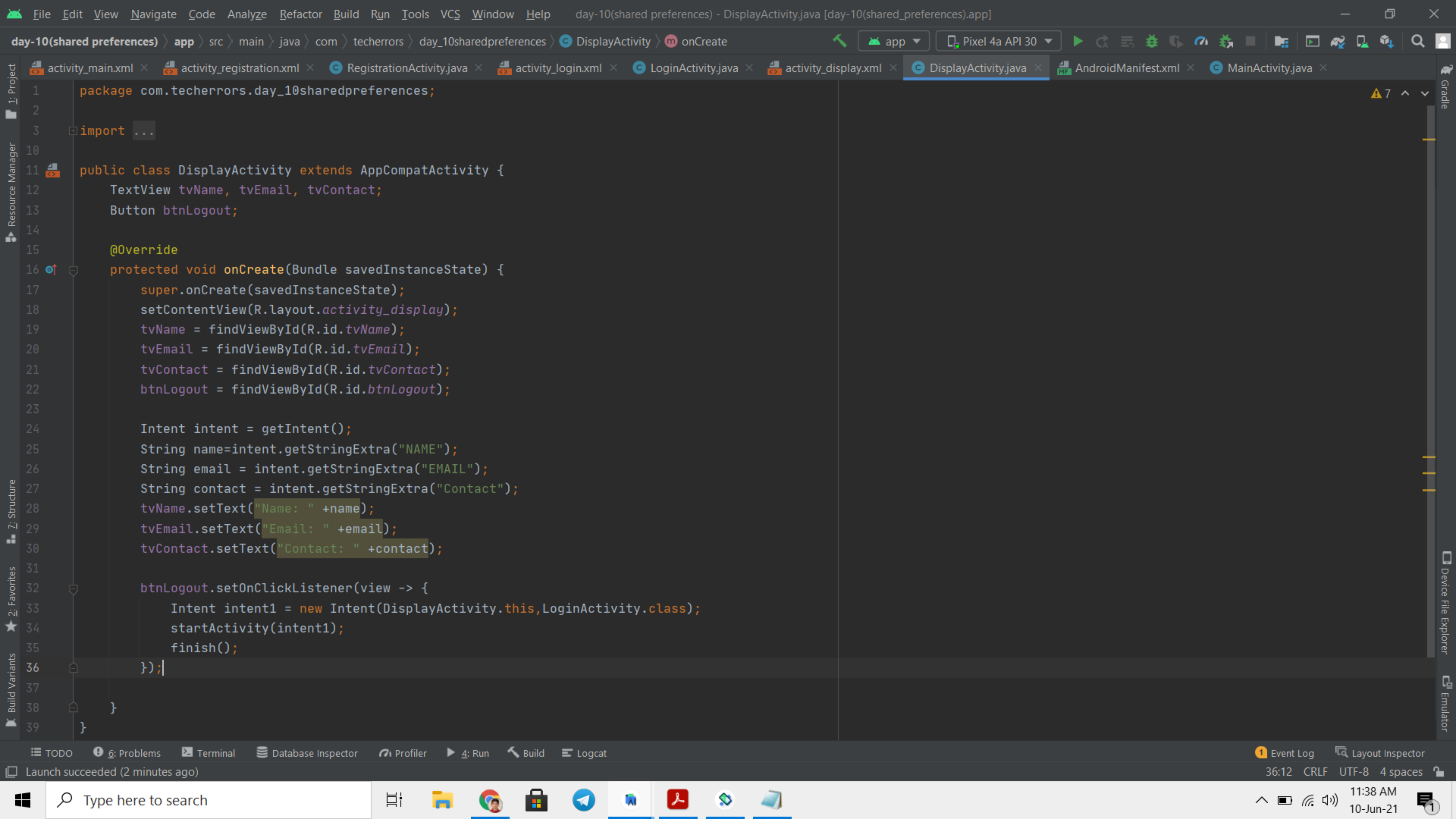
Launch succeeded (moments ago)

36:49 CRLF UTF-8 4 spaces

11:37 AM 10-Jun-21







```
1 package com.techerrors.day_10sharedpreferences;
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3 import ...
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11 public class DisplayActivity extends AppCompatActivity {
12     TextView tvName, tvEmail, tvContact;
13     Button btnLogout;
14
15     @Override
16     protected void onCreate(Bundle savedInstanceState) {
17         super.onCreate(savedInstanceState);
18         setContentView(R.layout.activity_display);
19         tvName = findViewById(R.id.tvName);
20         tvEmail = findViewById(R.id.tvEmail);
21         tvContact = findViewById(R.id.tvContact);
22         btnLogout = findViewById(R.id.btnLogout);
23
24         Intent intent = getIntent();
25         String name=intent.getStringExtra("NAME");
26         String email = intent.getStringExtra("EMAIL");
27         String contact = intent.getStringExtra("Contact");
28         tvName.setText("Name: " +name);
29         tvEmail.setText("Email: " +email);
30         tvContact.setText("Contact: " +contact);
31
32         btnLogout.setOnClickListener(view -> {
33             Intent intent1 = new Intent(DisplayActivity.this, LoginActivity.class);
34             startActivity(intent1);
35             finish();
36         });
37
38     }
39 }
```