

Happy Birthday - activity_main.xml [Happy_Birthday.app] - Android Studio

HappyBirthday > app > src > main > res > layout > activity_main.xml

Android > activity_main.xml > MainActivity.java

Project Structure:

- app
 - manifests
 - java
 - com
 - example
 - cse486
 - happybirthday
 - MainActivity
 - com (androidTest)
 - com (test)
 - java (generated)
 - res
 - res (generated)
 - Gradle Scripts

activity_main.xml:

```
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".MainActivity">
8
9     <TextView
10         android:layout_width="wrap_content"
11         android:layout_height="wrap_content"
12         android:text="@string/mssg"
13         app:layout_constraintBottom_toBottomOf="parent"
14         app:layout_constraintLeft_toLeftOf="parent"
15         app:layout_constraintRight_toRightOf="parent"
16         app:layout_constraintTop_toTopOf="parent" />
17
18 </androidx.constraintlayout.widget.ConstraintLayout>
```

Build Output:

```
Build: Build Output x Build Analyzer x
Build: finished at 6/30/2021 1:15 AM 33 s 262 ms
Task :app:mergeProjectDexDebug
Task :app:packageDebug
Task :app:assembleDebug

BUILD SUCCESSFUL in 32s
26 actionable tasks: 6 executed, 20 up-to-date

Build Analyzer results available
```

Device File Explorer

Event Log

Layout Inspector

15:54 CRLF UTF-8 4 spaces main

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Hello Toast Challenge - MainActivity.java [Hello_Toast_Challenge.app] - Android Studio

src > main > java > com > example > cse486 > hellotoastchallenge > MainActivity > onCreate

activity_main.xml x AndroidManifest.xml x MainActivity.java x

1: Project
Commit
Resource Manager
Z: Structure
2: Favorites
Build Variants

```
9 public class MainActivity extends AppCompatActivity {  
10     private int mCount = 0;  
11     private TextView mShowCount;  
12     @Override  
13     protected void onCreate(Bundle savedInstanceState) {  
14         super.onCreate(savedInstanceState);  
15         setContentView(R.layout.activity_main);  
16  
17         mShowCount = (TextView) findViewById(R.id.show_count);  
18     }  
19  
20     public void countUp(View view) {  
21         mCount++;  
22         if (mShowCount != null) mShowCount.setText(Integer.toString(mCount));  
23     }  
24  
25     public void showToast(View view) {  
26         Toast toast = Toast.makeText(context: this, "Hello Toast", Toast.LENGTH_SHORT);  
27         toast.show();  
28     }  
29 }  
30  
31  
32
```

app Nexus 5X API 30

Gradle

Device File Explorer

Emulator

Terminal: Local x +

TODO Git Terminal Database Inspector 4: Run Profiler Build Logcat

Event Log Layout Inspector

Gradle build finished in 54 s 139 ms (6 minutes ago) 17:1 CRLF UTF-8 4 spaces main