



Android Class

#Android Notes

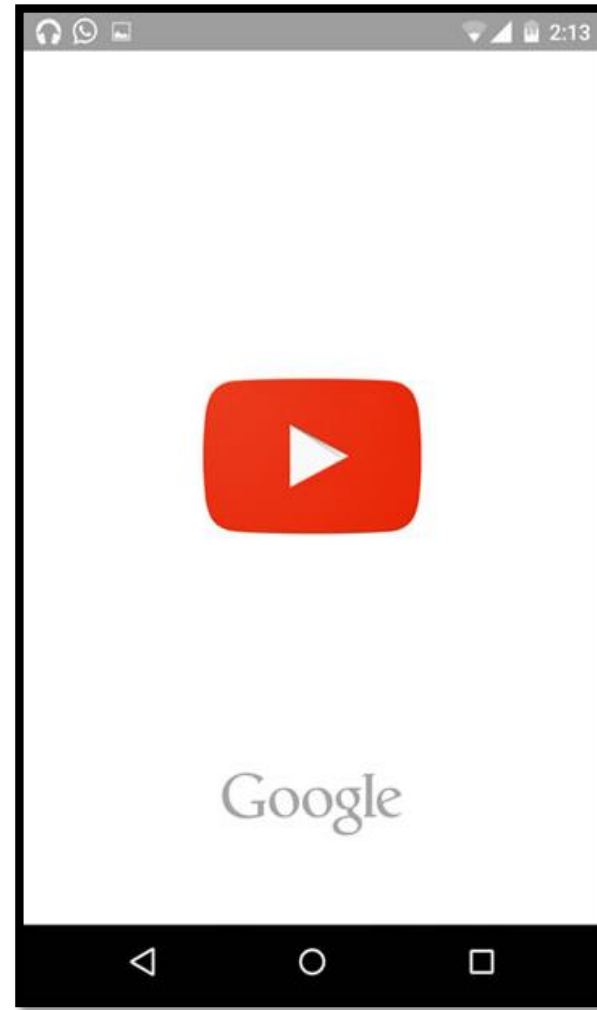
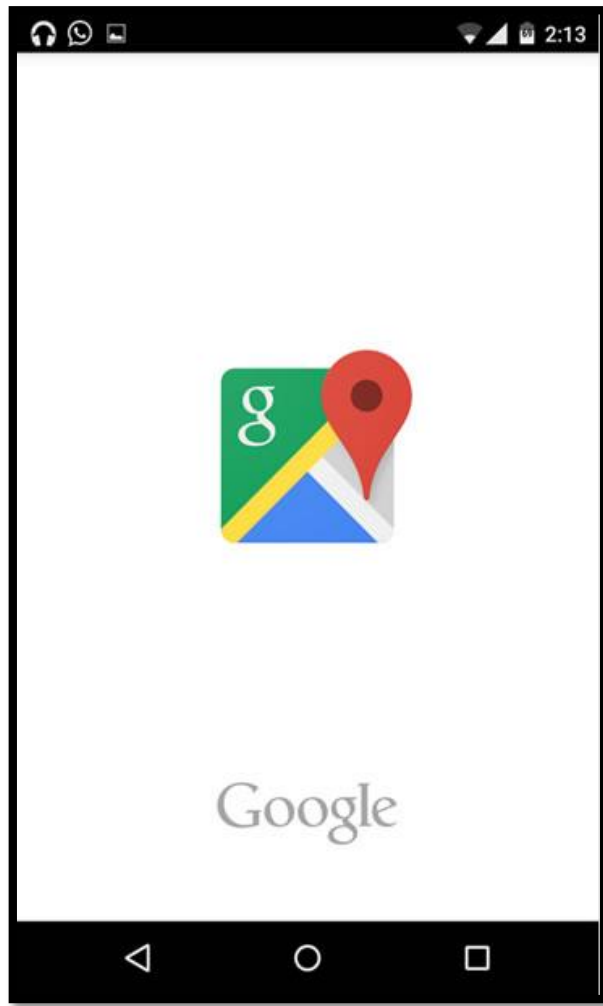
Splash / Welcome Screen



Splash Activity

- Android splash screen are normally used to show user some kind of progress before the app loads completely.
- Some people uses splash screen just to show case their app / company logo for a couple of second.





Screenshot activity_splash.xml

The screenshot displays the Android Studio interface with the following components:

- Menu Bar:** File, Edit, View, Navigate, Code, Analyze, Refactor, Build, Run, Tools, VCS, Window, Help.
- Breadcrumb:** MyDemo > app > src > main > res > layout > activity_splash.xml
- Editor Tabs:** activity_splash.xml (active), SplashActivity.java
- Code Editor:**

```
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="300dp"
6   android:layout_height="100dp"
7   android:orientation="vertical"
8   android:background="@drawable/logo"
9   android:layout_gravity="center"
10  tools:context=".SplashActivity">
11
12 </LinearLayout>
```
- Preview:** Shows a Nexus 4 device with a blue header "MyDemo" and a large "Akash Technolabs" logo in the center.
- Left Sidebar:** Project (1: Project), Structure (2: Structure), Captures, Build Variants, Favorites (2: Favorites).
- Bottom Bar:** Design (selected), Text, Run, TODO, Logcat, Android Profiler, Terminal, Build, Event Log.

Screenshot SplashActivity.java

The screenshot shows an IDE with the following components:

- Menu Bar:** File, Edit, View, Navigate, Code, Analyze, Refactor, Build, Run, Tools, VCS, Window, Help.
- Breadcrumb:** MyDemo > app > src > main > java > com > example > devanshi > mydemo > SplashActivity.
- Toolbar:** Includes icons for back, forward, search, and other IDE functions.
- Editor:** Displays the code for `SplashActivity.java`.

```
1 package com.example.devanshi.mydemo;
2
3 import ...
4
5 public class SplashActivity extends AppCompatActivity {
6
7     @Override
8     protected void onCreate(Bundle savedInstanceState) {
9         super.onCreate(savedInstanceState);
10         Thread thread = new Thread() {
11             public void run() {
12                 try {
13                     sleep( millis: 3000);
14                 } catch (Exception e) {
15                     e.printStackTrace();
16                 } finally {
17                     Intent intent = new Intent( packageContext: SplashActivity.this, MainActivity.class);
18                     startActivity(intent);
19                 }
20             }
21         };
22         thread.start();
23     }
24 }
```
- Left Sidebar:** Contains tabs for Project, Structure, Captures, Build Variants, and Favorites.
- Right Sidebar:** Contains tabs for Gradle and Device File Explorer.
- Bottom Bar:** Includes icons for Run, TODO, Logcat, Android Profiler, Terminal, and Build.
- Status Bar:** Shows 'Event Log' on the right.

Cont...

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

MyDemo > app > src > main > java > com > example > devanshi > mydemo > SplashActivity



activity_splash.xml x

SplashActivity.java x

```
13 super.onCreate(savedInstanceState);
14 Thread thread = new Thread() {
15     public void run() {
16         try {
17             sleep( millis: 3000 );
18         } catch (Exception e) {
19             e.printStackTrace();
20         } finally {
21             Intent intent = new Intent( packageContext: SplashActivity.this, MainActivity.class );
22             startActivity(intent);
23         }
24     }
25 };
26 thread.start();
27 }
28 @Override
29 protected void onPause() {
30     super.onPause();
31     finish();
32 }
33 }
```

4: Run TODO 6: Logcat Android Profiler Terminal Build

2: Event Log

Output



How TO Hide Titlebar

- **To hide Titlebar from the screen you need to write following content in SplashActivity.java file :-**

```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);

    requestWindowFeature(Window.FEATURE_NO_TITLE);
    this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,
        WindowManager.LayoutParams.FLAG_FULLSCREEN);

    setContentView(R.layout.activity_splash);
}
```



For API \geq 30 Use Below Code

- To hide Titlebar from the screen you need to write following content in **SplashActivity.java** file :-

```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_splash);

    WindowInsetsController insetsController = getWindow().getInsetsController();
    insetsController.hide(WindowInsets.Type.statusBars());
}
```



Output



How TO Hide ActionBar

- **To hide ActionBar from the screen you need to write following content in Styles.xml file :-**

```
<style name="myStyle" parent="Theme.AppCompat.Light.NoActionBar">  
</style>
```



Cont...

- **Following content you need to write in AndroidManifest.xml file :-**

```
<activity android:name=".SplashActivity"  
        android:theme="@style/myStyle">  
</activity>
```



Second Way

- **Following content you need to write in SplashActivity.java file :-**

```
@Override  
protected void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
  
    getSupportActionBar().hide();  
  
    setContentView(R.layout.activity_splash);  
  
}
```



Output



Splash Screen With Sound

- To add sound in Android project you need to create raw directory into res folder.
- res -> New -> Android resource directory -> Change resource type to raw



Example

- **Following content you need to write in SplashActivity.java file –**

```
MediaPlayer ourSound;  
ourSound = MediaPlayer.create(Splash.this, R.raw.back_sound);  
  
ourSound.start();  
Thread thread = new Thread(){  
    public void run(){  
        try{  
            sleep(3000);  
        }catch (Exception e){  
            e.printStackTrace();  
        }finally {
```



Cont...

```
Intent intent=new Intent(SplashActivity.this,MainActivity.class);
        startActivity(intent);
    }
}
};
thread.start();
}
@Override
protected void onPause() {
    super.onPause();
    ourSound.release();
    finish();
}
```

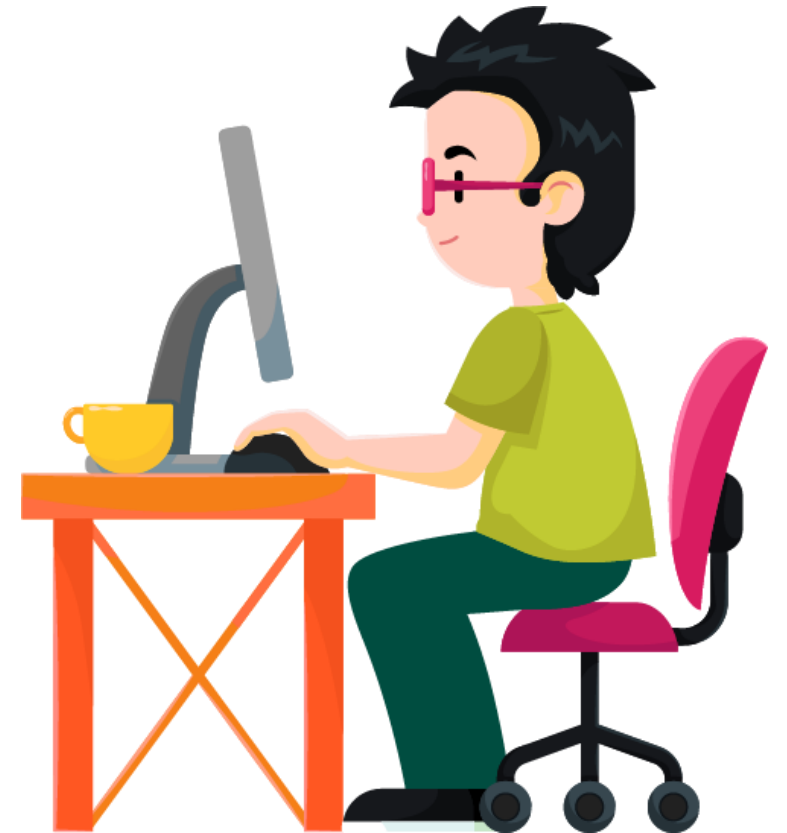


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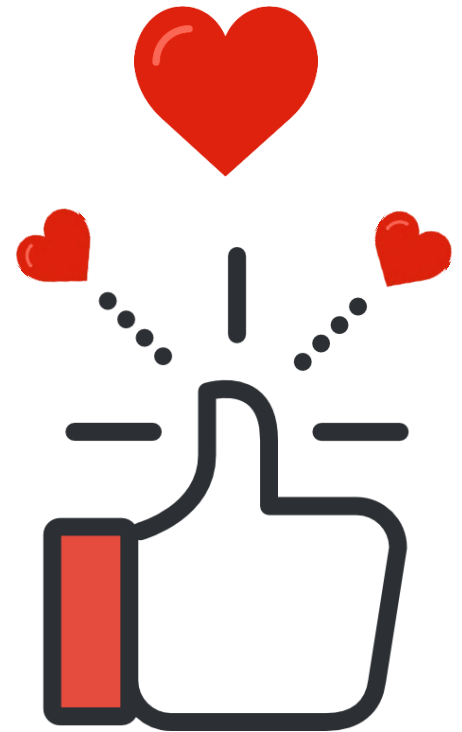
Just Dial

https://www.justdial.com/Ahmedabad/Akash-Technolabs-Navrangpura-Bus-Stop-Navrangpura/079PXX79-XX79-170615221520-S5C4_BZDET



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