2.17 Splash Screen

Splash.activity.java

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| package com.example.mysplash;  import androidx.appcompat.app.AppCompatActivity;  import android.content.Intent; import android.os.Bundle;  public class SplashActivity extends AppCompatActivity {   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_splash*);   Thread splash\_screen= new Thread(){  public void run(){  try{  *sleep*(2000);  }catch (Exception e){  e.printStackTrace();  }finally {  startActivity(new Intent(getApplicationContext(),MainActivity.class));  finish();  }  }  };  splash\_screen.start();  } } |

activityMain.xml

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| <?xml version="1.0" encoding="utf-8"?> <RelativeLayout  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:paddingBottom="@dimen/activity\_vertical\_margin"  android:paddingTop="@dimen/activity\_vertical\_margin"  android:paddingRight="@dimen/activity\_horizontal\_margin"  android:paddingLeft="@dimen/activity\_horizontal\_margin"  tools:context=".MainActivity">   <TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Activity Main"  android:id="@+id/textView"  android:textSize="50dp"  android:layout\_marginTop="36dp"  android:layout\_alignParentTop="true"  android:layout\_centerHorizontal="true"/>   <Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Button"  android:id="@+id/button"  android:layout\_marginTop="46dp"  android:layout\_below="@+id/textView"  android:layout\_centerHorizontal="true"/>  <RadioButton  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Male"  android:id="@+id/radioButton"  android:layout\_below="@+id/button"  android:layout\_centerHorizontal="true"  android:layout\_marginTop="30dp"  android:checked="false"/>  <RadioButton  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Female"  android:id="@+id/radioButton2"  android:layout\_centerVertical="true"  android:layout\_alignLeft="@+id/radioButton"  android:layout\_alignStart="@+id/radioButton"  android:checked="false"/> </RelativeLayout> |

activitySplash.xml

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| <?xml version="1.0" encoding="utf-8"?> <RelativeLayout  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:paddingLeft="@dimen/activity\_horizontal\_margin"  android:paddingRight="@dimen/activity\_horizontal\_margin"  android:paddingTop="@dimen/activity\_vertical\_margin"  android:paddingBottom="@dimen/activity\_vertical\_margin"  tools:context=".SplashActivity">   <TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:id="@+id/textview"  android:layout\_alignParentTop="true"  android:layout\_centerHorizontal="true"  android:text="Splash Screen"  android:textSize="35dp"/>   <ImageView  android:layout\_width="500px"  android:layout\_height="500px"  android:id="@+id/imageView"  android:src="@mipmap/ic\_launcher"  android:layout\_below="@+id/textview"  android:layout\_centerHorizontal="true"  android:layout\_marginTop="137dp"/>  </RelativeLayout> |

androidManifest.xml

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| <?xml version="1.0" encoding="utf-8"?> <manifest xmlns:android="http://schemas.android.com/apk/res/android"  package="com.example.mysplash">   <application  android:allowBackup="true"  android:icon="@mipmap/ic\_launcher"  android:label="@string/app\_name"  android:roundIcon="@mipmap/ic\_launcher\_round"  android:supportsRtl="true"  android:theme="@style/AppTheme">  <activity android:name=".SplashActivity">  <intent-filter>  <action android:name="android.intent.action.MAIN"/>   <category  android:name="android.intent.category.LAUNCHER"/>  </intent-filter>  </activity>   <activity android:name=".MainActivity">  <intent-filter>  <action android:name="android.intent.action.MAIN"/>   <category android:name="android.intent.category.DEFAULT"/>  </intent-filter>  </activity>   </application>  </manifest> |



