VALIDATION

Activity\_main.xml1

<LinearLayout android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:orientation="vertical"  
 tools:context=".MainActivity"  
 tools:ignore="HardCodedText"  
 xmlns:android="http://schemas.android.com/apk/res/android" >  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/firstname"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp"  
 android:hint="Firstname"  
 android:inputType="text"/>  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/lastname"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp"  
 android:hint="Lastname"  
 android:inputType="text"/>  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/email"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp"  
 android:hint="Email"  
 android:inputType="textEmailAddress"/>  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/pass"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp"  
 android:hint="Password"  
 android:inputType="textPassword"/>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="8dp"  
 android:gravity="end"  
 android:orientation="horizontal">  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/cancelbutton"  
 style="@style/Widget.AppCompat.Button.Borderless"  
 android:layout\_marginEnd="4dp"  
 android:text="CANCEL"  
 android:textColor="@color/black"/>  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/proceedbutton"  
 android:layout\_marginEnd="16dp"  
 android:backgroundTint="@color/black"  
 android:text="PROCEED"  
 android:textColor="@android:color/white"  
 tools:ignore="ButtonStyle"/>  
 </LinearLayout>

</LinearLayout>

Activity\_main.xml2

<RelativeLayout android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:tools="http://schemas.android.com/tools"  
 tools:context=".main2"  
 tools:ignore="HardcodedText"  
 xmlns:android="http://schemas.android.com/apk/res/android" >  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:text="ACTIVITY2"  
 android:textSize="18sp"/>  
  
</RelativeLayout>

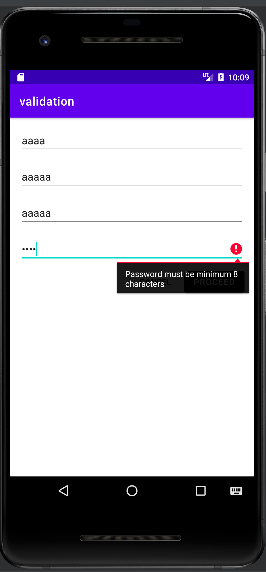
FILEjava1

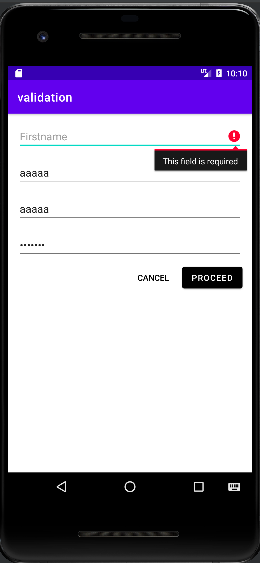
package com.androapp.validation;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class MainActivity extends AppCompatActivity {  
 Button bCancel,bProceed;  
 EditText etFirstname,etLastname,etMail,etPassword;  
 boolean isAllFieldsChecked=false;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 bProceed=findViewById(R.id.*proceedbutton*);  
 bCancel=findViewById(R.id.*cancelbutton*);  
 etFirstname=findViewById(R.id.*firstname*);  
 etLastname=findViewById(R.id.*lastname*);  
 etMail=findViewById(R.id.*email*);  
 etPassword=findViewById(R.id.*pass*);  
 bProceed.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 isAllFieldsChecked=CheckAllFields();  
 if(isAllFieldsChecked) {  
 Intent i=new Intent(MainActivity.this,main2.class);  
 startActivity(i);  
 }  
 }  
 });  
 bCancel.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 MainActivity.this.finish();  
 System.*exit*(0);  
 }  
 });  
 }  
 private boolean CheckAllFields(){  
 if(etFirstname.length()==0){  
 etFirstname.setError("This field is required");  
 return false;  
 }  
 if(etLastname.length()==0){  
 etLastname.setError("This field is required");  
 return false;  
  
 }  
 if (etMail.length()==0){  
 etMail.setError("Email is required");  
 return false;  
 }  
 if(etPassword.length()==0){  
 etPassword.setError("Password is required");  
 return false;  
 }  
 else if (etPassword.length()<8){  
 etPassword.setError("Password must be minimum 8 characters");  
 return false;  
 }  
 return true;  
 }  
}

file:java2

package com.androapp.validation;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
public class main2 extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main2*);  
 }  
}

**output**

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