**PROGRAM 9 - INTENTS TO NAVIGATE THROUGH MULTIPLE INSTANCE**

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout  
 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:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
 <Button  
 android:id="@+id/page1" android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content" android:text="This Is the First Page"  
 app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent" app:layout\_constraintTop\_toTopOf="parent" />  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**activity\_main2.xml**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout  
 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:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity2">  
 <Button  
 android:id="@+id/page2" android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content" android:text="This Is the Second Page"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent" app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.java**

package com.example.navigatemultiinstanceintent;  
import androidx.appcompat.app.AppCompatActivity; import android.os.Bundle;  
import android.content.Intent; import android.view.View; import android.widget.Button;  
public class MainActivity extends AppCompatActivity { Button b1 ;  
 protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 b1 = findViewById(R.id.*page1*); b1.setOnClickListener(  
 new View.OnClickListener() { public void onClick(View v) {  
 Intent i = new Intent(MainActivity.this,MainActivity2.class); startActivity(i); }  
 }  
 ); }  
}

**MainActivity2.java**

package com.example.navigatemultiinstanceintent;  
import android.app.Activity; import android.content.Intent; import android.os.Bundle; import  
 android.view.View; import android.widget.Button;  
public class MainActivity2 extends Activity { Button b2 ;  
 protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main2*);  
 b2 = findViewById(R.id.*page2*); b2.setOnClickListener(  
 new View.OnClickListener() { @Override  
 public void onClick(View v) {  
 Intent i = new Intent(MainActivity2.this,MainActivity.class); startActivity(i);  
 }  
  
 }  
 );  
  
  
 }  
}

**OUTPUT**



