Rješenje zadaće:

MainActivity – uvodni ekran

**package** com.example.myapplication;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 @Over*ri*de  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);

*//dodati neki TextView i button za prelazak na novi ekran*

*//sve ostalo radi 2. aktivnost*  
 }  
 **public void** secondActivity(View view) {  
 Intent i = **new** Intent(**this**, SecondActivity.**class**);  
 startActivity(i);  
 }  
}

Second Activity – sve ostalo radi 2.aktivnost

**package** com.example.myapplication;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.annotation.NonNull;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
**public class** SecondActivity **extends** AppCompatActivity {  
 **private static** ImageView *picture*;  
 **private static** Button *previous*;  
 **private static** Button *next*;  
 **private int clickCount**;  
 **private int current\_image**;  
 **int**[] **images** = {R.drawable.spring, R.drawable.summer, R.drawable.fall, R.drawable.winter};  
 TextView **clickCounter**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_second);  
 **clickCounter** = (TextView) findViewById(R.id.clickCounter);  
 buttonClick();  
 **if**(savedInstanceState != **null**) {  
 **clickCount** = savedInstanceState.getInt(**"count"**);  
 **clickCounter**.setText(Integer.*toString*(**clickCount**));  
 }  
 }  
 **public void** buttonClick() {  
 *picture* = (ImageView) findViewById(R.id.picture);  
 *previous* = (Button) findViewById(R.id.previous);  
 *previous*.setOnClickListener(  
 **new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **clickCount**++;  
 **if**(**current\_image** <= 0) {  
 **current\_image** = **images**.**length**;  
 }  
 **current\_image**--;  
 *picture*.setImageResource(**images**[**current\_image**]);  
 **clickCounter**.setText(Integer.*toString*(**clickCount**));  
 }  
 }  
 );  
 *next* = (Button) findViewById(R.id.next);  
 *next*.setOnClickListener(  
 **new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **clickCount**++;  
 **current\_image**++;  
 **current\_image** = **current\_image** % **images**.**length**;  
 *picture*.setImageResource(**images**[**current\_image**]);  
 **clickCounter**.setText(Integer.*toString*(**clickCount**));  
 }  
 }  
 );  
 }  
 @Override  
 **protected void** onSaveInstanceState(@NonNull Bundle outState) {  
 **super**.onSaveInstanceState(outState);  
 outState.putInt(**"count"**, **clickCount**);  
 }  
 **public void** secondActivity(View view) {  
 Intent i = **new** Intent(**this**, MainActivity.**class**);  
 startActivity(i);  
 }  
}

Ponavljanje - Implicit Intent

*<?***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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity"**>  
  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="156dp"  
 android:layout\_marginTop="300dp"  
 android:layout\_marginRight="8dp"  
 android:text="Visit"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/edtext"** />  
  
 <**EditText  
 android:id="@+id/edtext"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="150dp"  
 android:layout\_marginTop="50dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

**package** com.example.myapplication;  
  
**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;  
**import** android.net.Uri;  
  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 Button button = findViewById(R.id.***button***);  
 EditText editText1 = findViewById(R.id.***edtext***);  
  
 button.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 String url = editText1.getText().toString();  
 Intent intent = **new** Intent(Intent.***ACTION\_VIEW***, Uri.*parse*(url));  
 startActivity(intent);  
 }  
 });  
 }  
 }

Explicit Intent

*<?***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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:text="First Activity"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.454"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.06"** />  
  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="392dp"  
 android:background="#00C7FF"  
 android:onClick="callSecondActivity"  
 android:text="Call second activity"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

Promjena boje :

<**color name="purple\_500"**>#2196F3</**color**>….colors.xml

<**item name="colorPrimary"**>@color/blue\_500</**item**>….themes\night.xml.

**package** com.example.myapplication;  
  
**import** android.content.Intent;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 }  
 **public void** callSecondActivity(View view){  
 Intent i = **new** Intent(getApplicationContext(), SecondActivity.**class**);  
 i.putExtra(**"Value1"**, **"Message1 - Back to"**);  
 i.putExtra(**"Value2"**, **" First Activity\");"**);  
  
 startActivity(i);  
 }  
  
}

*<?***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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".SecondActivity"**>  
  
 <**TextView  
 android:id="@+id/tv"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
  
 android:layout\_marginEnd="8dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.454"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.06"** />  
  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="392dp"  
 android:onClick="callMainActivity"  
 android:text="Call first activity"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
</**androidx.constraintlayout.widget.ConstraintLayout**>

**package** com.example.myapplication;  
  
**import** android.content.Intent;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**public class** SecondActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_second***);  
 TextView tv = findViewById(R.id.***tv***);  
 Bundle extras = getIntent().getExtras();  
 String value1 = extras.getString(**"Value1"**);  
 String value2 = extras.getString(**"Value2"**);  
 tv.setText(value1 + **"\n"** + value2);}  
 **public void** callFirstActivity (View view){  
 Intent i = **new** Intent(getApplicationContext(), MainActivity.**class**);  
 startActivity(i);  
 }  
  
 }

Proučite malo izrada kviza

<https://www.geeksforgeeks.org/how-to-create-a-quiz-app-in-android/>