# Program 2. Create an application to concatenate two given Strings. (Consider changing the color of the result string to GREEN\*)

Activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android) xmlns:tools="[http://schemas.android.com/tools"](http://schemas.android.com/tools) android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent" android:background="#E1B04C" android:orientation="vertical" android:weightSum="1">

<LinearLayout android:id="@+id/linearLayout5" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_marginLeft="5pt" android:layout\_marginTop="5pt" android:layout\_marginRight="5pt">

<TextView android:id="@+id/id1"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:capitalize="words" android:text="Concatination" android:textAlignment="center" android:textAllCaps="true" android:textSize="20sp" tools:ignore="InvalidId" />

</LinearLayout>

<LinearLayout android:id="@+id/linearLayout1" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_marginLeft="10pt" android:layout\_marginTop="3pt" android:layout\_marginRight="10pt">

<EditText android:id="@+id/etNum1" android:layout\_width="match\_parent"

android:layout\_height="wrap\_content" android:layout\_marginRight="5pt" android:layout\_weight="1" android:hint="String 1" android:inputType="text"></EditText>

<EditText android:id="@+id/etNum2" android:layout\_width="match\_parent"

android:layout\_height="wrap\_content" android:layout\_marginLeft="5pt"

android:layout\_weight="1" android:hint="String 2" android:inputType="text"></EditText>

</LinearLayout>

<LinearLayout android:id="@+id/linearLayout2" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_marginLeft="5pt" android:layout\_marginTop="3pt" android:layout\_marginRight="5pt">

<Button android:id="@+id/button"

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_weight="1" android:text="concat" android:textSize="8pt"></Button>

</LinearLayout>

<TextView android:id="@+id/tvResult" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:layout\_marginLeft="5pt" android:layout\_marginTop="3pt" android:layout\_marginRight="5pt" android:layout\_weight="0.07" android:gravity="center\_horizontal" android:textColor="#19AC2D" android:textSize="12pt"></TextView>

</LinearLayout>

MainActivity.java

package com.example.concatination; import android.os.Bundle;

import android.text.TextUtils; import android.view.View; import android.widget.Button; import android.widget.EditText; import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity implements View.OnClickListener{

EditText etNum1; EditText etNum2; Button button; TextView tvResult; @Override

public void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

etNum1 = (EditText) findViewById(R.id.etNum1); etNum2 = (EditText) findViewById(R.id.etNum2); button = (Button) findViewById(R.id.button); tvResult = (TextView) findViewById(R.id.tvResult); button.setOnClickListener(this);

}

@Override

public void onClick(View v) { String num1;

String num2;

if (TextUtils.isEmpty(etNum1.getText().toString())

|| TextUtils.isEmpty(etNum2.getText().toString())) { return;

}

num1 = etNum1.getText().toString(); num2 = etNum2.getText().toString(); switch (v.getId()) {

case R.id.button: tvResult.setText(num1 + num2 ); break;

default: break;

}

}

}

OUTPUT

