MAINACTIVITY.JAVA

```java
package com.example.concatination;

    import android.support.v7.app.AppCompatActivity;

    import android.os.Bundle;

    import android.text.TextUtils;

    import android.view.View;

    import android.widget.Button;

    import android.widget.EditText;

    import android.widget.TextView;


public class MainActivity extends AppCompatActivity implements View.OnClickListener{


    EditText etStr1;

    EditText etStr2;


    Button btncon;


    TextView tvResult;


    String oper = "";


    /** Called when the activity is first created. */
    @Override
    public void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);


        // find the elements

        etStr1 = (EditText) findViewById(R.id.etNum1);

        etStr2 = (EditText) findViewById(R.id.etNum2);
```

```java
        btncon = (Button) findViewById(R.id.btncon);


        tvResult = (TextView) findViewById(R.id.tvResult);


        // set a listener
        btncon.setOnClickListener(this);

    }


    @Override
    public void onClick(View v) {
        // TODO Auto-generated method stub
        String str1 ="";
        String str2 ="";
        String result ="";


        // check if the fields are empty
        if (TextUtils.isEmpty(etStr1.getText().toString())
                || TextUtils.isEmpty(etStr2.getText().toString())) {
            return;
        }


        // read EditText and fill variables with numbers
        str1 =etStr1.getText().toString();
        str2 =etStr2.getText().toString();


        // defines the button that has been clicked and performs the corresponding operation
        // write operation into oper, we will use it later for output
```

```
            result = str1 + str2;

        tvResult.setText(result);

        }



}



```

MAIN_ACTIVITY.XML

```xml
<?xml version="1.0" encoding="utf-8"?>
  <LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:weightSum="1">
    <LinearLayout
      android:layout_width="match_parent"
      android:layout_height="wrap_content"
      android:id="@+id/linearLayout1"
      android:layout_marginLeft="10pt"
      android:layout_marginRight="10pt"
      android:layout_marginTop="3pt">
      <EditText
        android:layout_weight="1"
        android:layout_height="wrap_content"
        android:layout_marginRight="5pt"
        android:id="@+id/etNum1"
        android:layout_width="match_parent"
        android:inputType="text">
      </EditText>
      <EditText
```

```xml
            android:layout_height="wrap_content"

            android:layout_weight="1"

            android:layout_marginLeft="5pt"

            android:id="@+id/etNum2"

            android:layout_width="match_parent"

            android:inputType="text">

        </EditText>

    </LinearLayout>

    <LinearLayout

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:id="@+id/linearLayout2"

        android:layout_marginTop="3pt"

        android:layout_marginLeft="5pt"

        android:layout_marginRight="5pt">

        <Button

            android:layout_height="wrap_content"

            android:layout_width="match_parent"

            android:layout_weight="1"

            android:text="Concatinate"

            android:textSize="10pt"

            android:id="@+id/btncon">

        </Button>

    </LinearLayout>

    <TextView

        android:layout_height="wrap_content"

        android:layout_width="match_parent"

        android:layout_marginLeft="5pt"

        android:layout_marginRight="5pt"

        android:textSize="12pt"
```

```
            android:layout_marginTop="3pt"

            android:id="@+id/tvResult"

            android:gravity="center_horizontal"

            android:layout_weight="0.07">

        </TextView>

    </LinearLayout>
```

</android.support.constraint.ConstraintLayout>

OUTPUT