

concatenate two given Strings

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

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    android:layout_width="fill_parent"
```

```
    android:layout_height="fill_parent"
```

```
    android:background="#E91E63"
```

```
    android:orientation="vertical"
```

```
    android:weightSum="1">
```

```
<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: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: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/btnAdd"
```

```
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_weight="1"
```

```
    android:text="concatination"
```

```
        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:background="#FAF3F3"
```

```
    android:gravity="center_horizontal"
```

```
    android:textColor="#4CAF50"
```

```
    android:textSize="12pt"></TextView>
```

```
</LinearLayout>
```

```
package com.example.string;
```

```
import androidx.appcompat.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 etNum1;

    EditText etNum2;


    Button btnAdd;


    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
```

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

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


btnAdd = (Button) findViewById(R.id.btnAdd);


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


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


}


@Override

public void onClick(View v) {

    // TODO Auto-generated method stub

    String num1 = "";

    String num2 = "";

    String result = "";


    // check if the fields are empty

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

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

        return;

    }

}
```

```
// read EditText and fill variables with numbers

num1 = (etNum1.getText().toString());

num2 = (etNum2.getText().toString());


result=num1+num2;


tvResult.setText(result);
}
}
```

OUTPUT

