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## Create a simple application to add two numbers

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
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">
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:id="@+id/et1"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        />
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:id="@+id/et2"
        android:layout_below="@id/et1"
        android:layout_alignParentStart="true"
        android:layout_alignParentLeft="true"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/et2"
        android:textSize="40dp"
        android:id="@+id/tv1"
        android:textColor="@color/black"
        android:layout_centerHorizontal="true"/>
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textColor="@color/black"
        android:text="ADD"
        android:id="@+id/btn1"
        android:textSize="30dp"
```

```xml
        android:background="@color/teal_200"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"/>
</RelativeLayout>
```

**JAVA CODE:**

```java
package com.example.sum;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
private EditText e1,e2;
private TextView tv;
private Button btn;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        e1=findViewById(R.id.et1);
        e2=findViewById(R.id.et2);
        tv=findViewById(R.id.tv1);
        btn=findViewById(R.id.btn1);
        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if(e1.getText().toString().length()==0)
                {
                    e1.setText("0");
                }
                if(e2.getText().toString().length()==0)
                {
                    e2.setText("0");
                }
                int
n1=Integer.parseInt(e1.getText().toString());
                int
n2=Integer.parseInt(e2.getText().toString());
                int sum=n1+n2;
                tv.setText(String.valueOf(sum));


            }
        });
    }
}
```