

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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"
    android:orientation="vertical"
    tools:context=".MainActivity">
```

```
    <EditText
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/et1"
        android:inputType="number"/>
```

```
    <EditText
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/et2"
        android:inputType="number"/>
```

```
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="horizontal">
```

```
        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:id="@+id/b1"
            android:text="ADD"
        />
```

```
        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:id="@+id/b2"
            android:text="SUB"
        />
```

```
        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:id="@+id/b3"
            android:text="MUL"
        />
```

```

        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:id="@+id/b4"
            android:text="DIV"
        />

    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="horizontal">
        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="vertical">
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:id="@+id/tv"/>
            </LinearLayout>

        </LinearLayout>

    </LinearLayout>
</LinearLayout>

```

```

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Java-----
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```

```

package com.example.password;

import androidx.appcompat.app.AppCompatActivity;

import android.media.Session2Command;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

```

```
import android.widget.Toast;
```

```
public class MainActivity extends AppCompatActivity {  
    Button a,b,c,d;  
    EditText et1,et2;  
    TextView tv;
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_main);  
        a=findViewById(R.id.b1);  
        b=findViewById(R.id.b2);  
        c=findViewById(R.id.b3);  
        d=findViewById(R.id.b4);  
        et1=findViewById(R.id.et1);  
        et2=findViewById(R.id.et2);  
        tv=findViewById(R.id.tv);  
        a.setOnClickListener(new View.OnClickListener() {
```



```
        @Override
```

```
        public void onClick(View view) {  
            Double a =  
Double.parseDouble(et1.getText().toString());  
            Double b =  
Double.parseDouble(et2.getText().toString());  
            Double r = a + b;  
            tv.setText("result is " + String.valueOf(r));
```

```
        }
```

```
    });
```

```
    b.setOnClickListener(new View.OnClickListener() {
```

```
        @Override
```

```
        public void onClick(View view) {  
            Double a =  
Double.parseDouble(et1.getText().toString());  
            Double b =  
Double.parseDouble(et2.getText().toString());  
            Double r = a - b;  
            tv.setText("result is " + String.valueOf(r));
```

```
        }
```

```
    });
```

```
c.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View view) {
```

```
        Double a =
```

```
Double.parseDouble(et1.getText().toString());
```

```
        Double b =
```

```
Double.parseDouble(et2.getText().toString());
```

```
        Double r = a * b;
```

```
        tv.setText("result is " + String.valueOf(r));
```

```
    }
```

```
});
```

```
d.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    public void onClick(View view) {
```

```
        Double a =
```

```
Double.parseDouble(et1.getText().toString());
```

```
        Double b =
```

```
Double.parseDouble(et2.getText().toString());
```

```
        Double r = a / b;
```

```
        tv.setText("result is " + String.valueOf(r));
```

```
    }
```

```
});
```

```
}
```

```
}
```