

```
<?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:id="@+id/edit1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:hint="문자 숫자 다 받기 " />

    <EditText
        android:id="@+id/edit2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="textPassword"
        android:hint="문자 숫자* 표시로 나눔"/>

    <EditText
        android:id="@+id/edit3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="numberPassword"
        android:hint="숫자만 받기*표시로 나눔"/>

    <EditText
        android:id="@+id/edit4"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:hint="숫자만 받기"/>

    <EditText
        android:id="@+id/edit5"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="numberSigned"
        android:hint="정수만 받기"/>

    <EditText
        android:id="@+id/edit6"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="numberDecimal"
        android:hint="실수 받기"/>

    <EditText
        android:id="@+id/edit7"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="textMultiLine"
        android:lines="5"
        android:hint="여러줄 " />

    <EditText
        android:id="@+id/edit8"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:maxLength="5"
        android:hint="최대글자 수 지정 " />

    <EditText
        android:id="@+id/edit9"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="textMultiLine"
        android:maxLines="5"
        android:lines="5"
        android:hint="최대 라인 수 지정 " />

</LinearLayout>
```

문자 숫자 다 받기
문자 숫자 * 표시로 나눔
숫자만 받기 *표시로 나눔
숫자만 받기
정수만 받기
실수 받기
여러줄
최대글자 수 지정
최대 라인 수 지정

```
<?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=".MainActivity2">

    <EditText
        android:id="@+id/edit1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:hint="이름을 입력하세요" />

    <EditText
        android:id="@+id/edit2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:hint="나이를 입력하세요" />

    <EditText
        android:id="@+id/edit3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="textPassword"
        android:hint="비밀번호를 입력하세요" />

    <TextView
        android:id="@+id/textView1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="30dp"
        android:textSize="30sp"
        android:textAlignment="center"
        android:text="정보 가져오기" />

    <TextView
        android:id="@+id/textView2"
        android:layout_marginTop="30dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="30sp"
        android:text="" />
</LinearLayout>
```

이름을 입력하세요

나이를 입력하세요

비밀번호를 입력하세요

정보 가져오기

```
package com.ict.ex03 editview;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity2 extends AppCompatActivity implements
View.OnClickListener{
    EditText edit1, edit2, edit3 ;
    TextView textView1, textView2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        edit1 = findViewById(R.id.edit1);
        edit2 = findViewById(R.id.edit2);
        edit3 = findViewById(R.id.edit3);
        textView1 = findViewById(R.id.textView1);
        textView2 = findViewById(R.id.textView2);

        textView1.setOnClickListener(this);
    }

    @Override
    public void onClick(View view) {
        String name = edit1.getText().toString();
        int age = Integer.parseInt(edit2.getText().toString());
        String passwrod = edit3.getText().toString();

        textView2.setText("이름: "+name+"\n"+"나이: "+age+"\n"+"비번: " + passwrod);
        edit1.setText("");
        edit2.setText("");
        edit3.setText("");
    }
}
```



```
<?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=".MainActivity3">

    <EditText
        android:id="@+id/su1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:hint="정수만 입력하세요" />

    <EditText
        android:id="@+id/su2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:hint="정수만 입력하세요" />

    <EditText
        android:id="@+id/op"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:hint="+, -, *, / 중 하나만 넣어주세요" />

    <TextView
        android:id="@+id/result"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="36sp"
        android:layout_marginTop="20dp"
        android:textAlignment="center"
        android:text="결과보기" />

    <TextView
        android:id="@+id/res"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="24sp"
        android:textAlignment="center"
        android:text="결과: " />
</LinearLayout>
```



```
public class MainActivity3 extends AppCompatActivity implements View.OnClickListener{
    EditText su1, su2, op ;
    TextView result, res ;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main3);
        su1 = findViewById(R.id.su1);
        su2 = findViewById(R.id.su2);
        op = findViewById(R.id.op);
        result = findViewById(R.id.result);
        res = findViewById(R.id.res);
        result.setOnClickListener(this);
    }
    @Override
    public void onClick(View view) {
        try {
            int s1 = Integer.parseInt(su1.getText().toString());
            int s2 = Integer.parseInt(su2.getText().toString());
            String operation = op.getText().toString();
            int s3 = 0;
            switch (operation) {
                case "+":
                    s3 = s1 + s2; break;
                case "-":
                    s3 = s1 - s2; break;
                case "*":
                    s3 = s1 * s2; break;
                case "/":
                    s3 = s1 / s2; break;
            }
            res.setText("결과: " + s3);
            su1.setText("");
            su2.setText("");
            op.setText("");
        }
        /* 커서 옮기기 */
        su1.requestFocus();
    } catch (Exception e){
        Toast.makeText(this, "제대로 입력하세요", Toast.LENGTH_SHORT).show();
        su1.setText("");
        su2.setText("");
        op.setText("");
        su1.requestFocus();
    }
}
```



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">

    <LinearLayout
        android:layout_marginTop="20dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:textSize="24sp"
            android:textAlignment="viewEnd"
            android:text="수1 : " />

        <EditText
            android:id="@+id/num1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:inputType="number"
            android:hint="정수만 입력하세요"/>
    </LinearLayout>

    <LinearLayout
        android:layout_marginTop="20dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:textSize="24sp"
            android:textAlignment="viewEnd"
            android:text="수2 : " />

        <EditText
            android:id="@+id/num2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:inputType="number"
            android:hint="정수만 입력하세요"/>
    </LinearLayout>

    <LinearLayout
        android:layout_marginTop="20dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:textSize="24sp"
            android:textAlignment="viewEnd"
            android:text="연산자: " />

        <EditText
            android:id="@+id/oper"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:inputType="text"
            android:hint="+,-,*,/ 중 하나만 선택"/>
    </LinearLayout>

    <TextView
        android:layout_marginTop="20dp"
        android:id="@+id/btn1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="32sp"
        android:textAlignment="center"
        android:text="결과보기" />

    <TextView
        android:layout_marginTop="20dp"
        android:id="@+id/view1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="32sp"
        android:textAlignment="center"
        android:text="결과: " />
</LinearLayout>
```

수 1 : 정수만 입력하세요

수 2 : 정수만 입력하세요

연산자 : +,-,*,/ 중 하나만 선택

결과보기

결과 :

```

package com.ict.ex03_editview;

import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity4 extends AppCompatActivity implements
View.OnClickListener{
    EditText num1, num2, oper ;
    TextView btn1, view1 ;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main4);
        num1 = findViewById(R.id.num1);
        num2 = findViewById(R.id.num2);
        oper = findViewById(R.id.oper);
        btn1 = findViewById(R.id.btn1);
        view1 = findViewById(R.id.view1);

        btn1.setOnClickListener(this);
    }

    @Override
    public void onClick(View view) {
        try {
            int s1 = Integer.parseInt(num1.getText().toString());
            int s2 = Integer.parseInt(num2.getText().toString());
            String op = oper.getText().toString();
            int re = 0 ;
            switch (op){
                case "+" : re = s1 + s2 ; break;
                case "-" : re = s1 - s2 ; break;
                case "*" : re = s1 * s2 ; break;
                case "/" : re = s1 / s2 ; break;
            }
            view1.setText("결과: " + re);
            num1.setText("");
            num2.setText("");
            oper.setText("");

            num1.requestFocus();
        }catch (Exception e){
            Toast.makeText(this, "제대로 입력하세요", Toast.LENGTH_SHORT).show();
            num1.setText("");
            num2.setText("");
            oper.setText("");
            num1.requestFocus();
        }
    }
}

```

