

```
<?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_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:orientation="horizontal">

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

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

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

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

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

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

        <TextView
            android:layout_width="0dp"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="연산자 : "
            android:textAlignment="viewEnd"
            android:textSize="24sp" />

        <RadioGroup
            android:id="@+id/rg"
            android:layout_width="0dp"
            android:layout_height="match_parent"
            android:layout_weight="2"
            android:orientation="horizontal">

            <RadioButton
                android:id="@+id/rb1"
                android:layout_width="0dp"
                android:layout_height="1"
                android:layout_weight="1"
                android:text=" + " />

            <RadioButton
                android:id="@+id/rb2"
                android:layout_width="0dp"
                android:layout_height="1"
                android:layout_weight="1"
                android:text=" - " />

            <RadioButton
                android:id="@+id/rb3"
                android:layout_width="0dp"
                android:layout_height="1"
                android:layout_weight="1"
                android:text=" * " />

            <RadioButton
                android:id="@+id/rb4"
                android:layout_width="0dp"
                android:layout_height="1"
                android:layout_weight="1"
                android:text=" / " />
        </RadioGroup>
    </LinearLayout>

</LinearLayout>
```

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

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



```

package com.ict.mission02;

import androidx.appcompat.app.AppCompatActivity;

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

public class MainActivity extends AppCompatActivity {
    EditText num1, num2 ;
    RadioGroup rg;
    TextView btn1, view1;
    int s1, s2 ;
    String op = null;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        num1 = findViewById(R.id.num1);
        num2 = findViewById(R.id.num2);
        rg = findViewById(R.id.rg);
        btn1 = findViewById(R.id.btn1);
        view1 = findViewById(R.id.view1);

        rg.setOnCheckedChangeListener(new RadioGroup.OnCheckedChangeListener() {
            @Override
            public void onCheckedChanged(RadioGroup radioGroup, int i) {

                switch (rg.getCheckedRadioButtonId()){
                    case R.id.rb1: op = "+"; break;
                    case R.id.rb2: op = "-"; break;
                    case R.id.rb3: op = "*"; break;
                    case R.id.rb4: op = "/"; break;
                }
            }
        });
        btn1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                try {
                    if(op!=null) {
                        s1 = Integer.parseInt(num1.getText().toString());
                        s2 = Integer.parseInt(num2.getText().toString());

                        view1.setText(s1 + op + s2 + "=" + (s1 + s2));
                        rg.clearCheck();
                        num1.setText("");
                        num2.setText("");
                        op = null;
                    }else{
                        Toast.makeText(MainActivity.this, "제대로 입력하세요", Toast.LENGTH_SHORT).show();
                    }
                } catch (Exception e){
                    Toast.makeText(MainActivity.this, "제대로 입력하세요", Toast.LENGTH_SHORT).show();
                }
            }
        });
    }
}

```

