

02 Intent 화면전환

activity_main.xml

```
<?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"
    tools:context=".MainActivity">

    <EditText
        android:id="@+id/et_text"
        android:layout_width="200dp"
        android:layout_height="wrap_content"/>

    <Button
        android:id="@+id/btn_move"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="이동"/>

</LinearLayout>
```

activity_sub.xml

```
<?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"
    tools:context=".SubActivity">

    <TextView
        android:id="@+id/tv_sub"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="30sp"
        android:text="서브 액티비티 도착"/>

</LinearLayout>
```

MainActivity.java

```
package com.example.intentexample;

import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

    private Button btn_move;
    private EditText et_text;
    private String str;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        et_text = findViewById(R.id.et_text);

        btn_move = findViewById(R.id.btn_move);
        btn_move.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                str = et_text.getText().toString();
                Intent intent = new Intent(MainActivity.this, SubActivity.class);
                intent.putExtra("str", str);
                startActivity(intent); // 액티비티 이동
            }
        });
    }
}
```

SubActivity.java

```
package com.example.intentexample;

import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.widget.TextView;

public class SubActivity extends AppCompatActivity {
```

```

private TextView tv_sub;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_sub);

    tv_sub = findViewById(R.id.tv_sub);
    Intent intent = getIntent(); // 어디선가 받아온 Intent 객체를 intent에 대입
    String str = intent.getStringExtra("str"); // name:str인 intent객체에서 String
    tv_sub.setText(str); // TextView의 텍스트를 str 문자열로 설정
}
}

```