

```
<?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="wrap_content"
android:orientation="vertical"
tools:context=".MainActivity" >

<TextView
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:textSize="32sp"
android:text="선택을 시작하세요 " />

<CheckBox
android:id="@+id/checkBox1"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:textSize="25sp"
android:text="시작함" />

<TextView
android:id="@+id/txt1"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:textSize="20sp"
android:visibility="invisible"
android:text="좋아하는 그림을 선택하세요" />

<RadioGroup
android:id="@+id/rg"
android:visibility="invisible"
android:layout_width="match_parent"
android:layout_height="match_parent" >

<RadioButton
android:id="@+id/rb1"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:text="boy" />

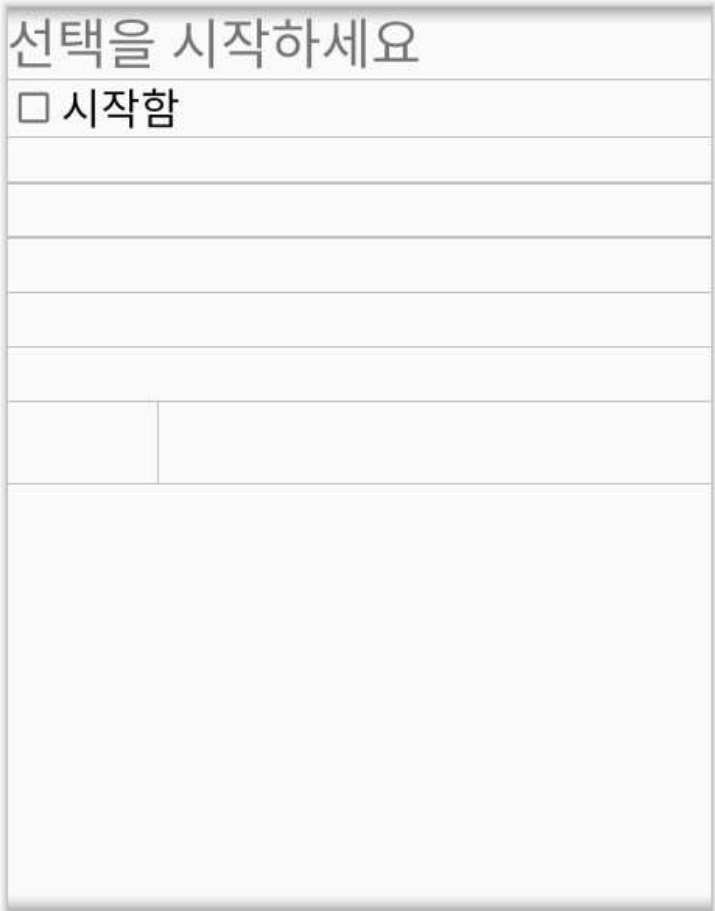
<RadioButton
android:id="@+id/rb2"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:text="coffee" />

<RadioButton
android:id="@+id/rb3"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:text="dog" />

<RadioButton
android:id="@+id/rb4"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:text="donald" />
</RadioGroup>

<Button
android:id="@+id/btn"
android:visibility="invisible"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="선택완료" />

<ImageView
android:id="@+id/imageView"
android:layout_width="match_parent"
android:layout_height="250dp" />
</LinearLayout>
```



```

package com.ict.ex06_test;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.CompoundButton;
import android.widget.ImageView;
import android.widget.RadioGroup;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    CheckBox checkBox1;
    TextView txt1;
    RadioGroup rg;
    Button btn;
    ImageView imageView;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        checkBox1 = findViewById(R.id.checkBox1);
        txt1 = findViewById(R.id.txt1);
        rg = findViewById(R.id.rg);
        btn = findViewById(R.id.btn);
        imageView = findViewById(R.id.imageView);

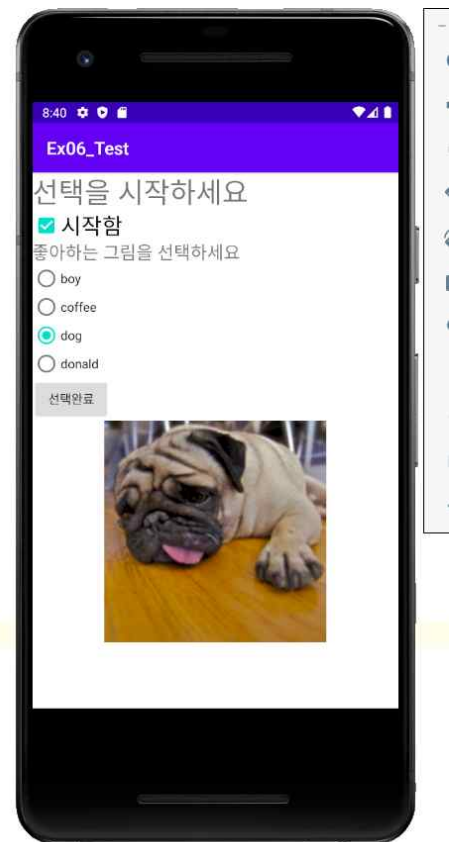
        checkBox1.setOnCheckedChangeListener(new
        CompoundButton.OnCheckedChangeListener() {
            @Override
            public void onCheckedChanged(CompoundButton compoundButton, boolean
            b) {
                if(b){
                    txt1.setVisibility(View.VISIBLE);
                    rg.setVisibility(View.VISIBLE);
                    btn.setVisibility(View.VISIBLE);
                    imageView.setVisibility(View.VISIBLE);
                }else{
                    txt1.setVisibility(View.INVISIBLE);
                    rg.setVisibility(View.INVISIBLE);
                    btn.setVisibility(View.INVISIBLE);
                    imageView.setVisibility(View.INVISIBLE);
                }
            }
        });

        /* 라디오버튼, 이미지뷰 초기화 */
        rg.clearCheck();
        imageView.setImageResource(0);
    }

    rg.setOnCheckedChangeListener(new
    RadioGroup.OnCheckedChangeListener() {
        @Override
        public void onCheckedChanged(RadioGroup radioGroup, int i) {
            switch (i){
                case R.id.rb1: imageView.setImageResource(R.drawable.boy);break;
                case R.id.rb2: imageView.setImageResource(R.drawable.coffe);break;
                case R.id.rb3: imageView.setImageResource(R.drawable.dog);break;
                case R.id.rb4: imageView.setImageResource(R.drawable.donald);break;
            }
        }
    });

    btn.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            switch (rg.getCheckedRadioButtonId()){
                case R.id.rb1 : imageView.setImageResource(R.drawable.boy);break;
                case R.id.rb2 : imageView.setImageResource(R.drawable.coffe);break;
                case R.id.rb3 : imageView.setImageResource(R.drawable.dog);break;
                case R.id.rb4 :
                    imageView.setImageResource(R.drawable.donald);break;
                default:
                    Toast.makeText(MainActivity.this, "제대로 눌러주세요",
                    Toast.LENGTH_SHORT).show();
            }
        }
    });
}

```



```

<?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="wrap_content"
android:orientation="vertical"
tools:context=".MainActivity" >

<ImageView
android:layout_marginTop="20dp"
android:id="@+id/imageView1"
android:layout_width="match_parent"
android:layout_height="200dp"
app:srcCompat="@drawable/dream01" />

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

<Button
android:layout_marginRight="10dp"
android:id="@+id/button1"
android:layout_width="50dp"
android:layout_height="wrap_content"
android:text="▲" />

<Button
android:layout_marginLeft="10dp"
android:id="@+id/button2"
android:layout_width="50dp"
android:layout_height="wrap_content"
android:text="▼" />
</LinearLayout>

<ImageView
android:id="@+id/imageView2"
android:layout_width="match_parent"
android:layout_height="200dp"
app:srcCompat="@drawable/dream01" />
</LinearLayout>

```



```

package com.ict.ex07_test;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;

public class MainActivity extends AppCompatActivity {
    ImageView imageView1, imageView2 ;
    Button button1, button2 ;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        imageView1 = findViewById(R.id.imageView1);
        imageView2 = findViewById(R.id.imageView2);
        button1 = findViewById(R.id.button1);
        button2 = findViewById(R.id.button2);

        button1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                imageView1.setImageResource(R.drawable.dream02);
                imageView2.setImageResource(0);
            }
        });
        button2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                imageView1.setImageResource(0);
                imageView2.setImageResource(R.drawable.dream02);
            }
        });
    }
}

```

