

```

<?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>

```

선택을 시작하세요

시작함

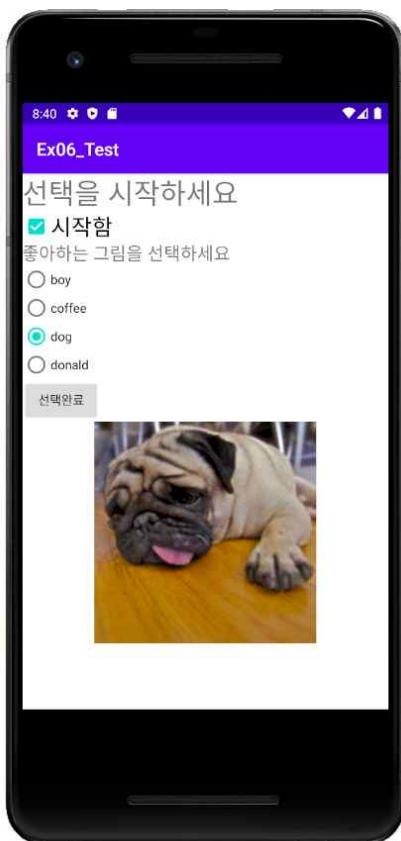
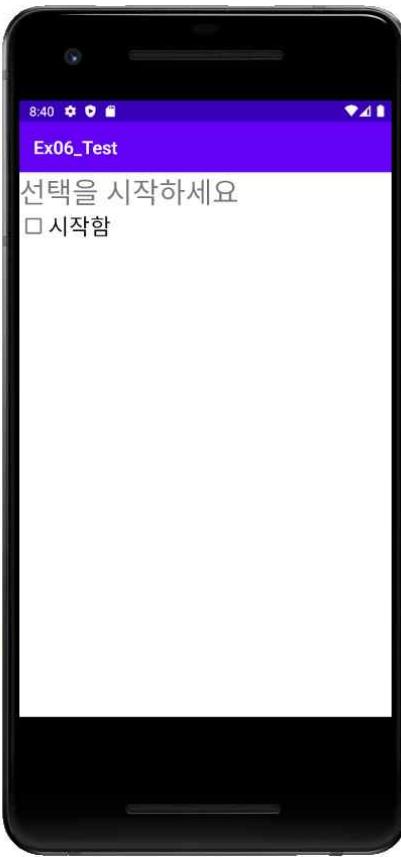
```
package com.ict.ex06_test;

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);
    }
}
/* 라디오버튼, 이미지뷰 초기화 */
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();
        }
    }
});
});
```



```

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<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);
            }
        });
    }
}

```

