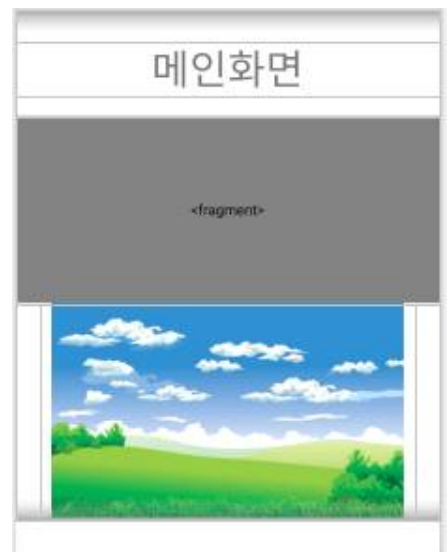


```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"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

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="40sp"
        android:textAlignment="center"
        android:layout_marginTop="30dp"
        android:text="메인화면" />

    <fragment
        android:id="@+id/fragment"
        android:name="com.ict.ex39_fregment.MyFrag"
        android:layout_width="match_parent"
        android:layout_height="182dp"
        android:layout_marginTop="20dp" />

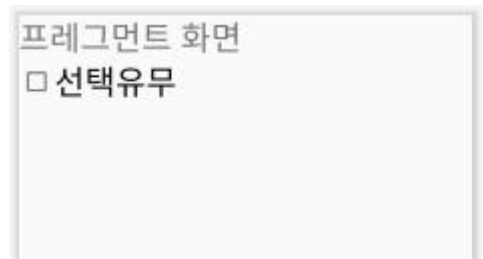
    <ImageView
        android:id="@+id/imageView"
        android:layout_width="364dp"
        android:layout_height="209dp"
        android:layout_gravity="center"
        app:srcCompat="@drawable/dream01" />
</LinearLayout>
```



```
<?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="wrap_content"
    android:orientation="vertical">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="30sp"
        android:textAlignment="center"
        android:text="프레그먼트 화면" />

    <CheckBox
        android:id="@+id/checkBox"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="30dp"
        android:text="선택유무" />
</LinearLayout>
```



```
public class MainActivity extends AppCompatActivity {
    ImageView imageView;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        imageView = findViewById(R.id.imageView);
    }
}
```

```
// Fragment 상속받아야 Fragment
// layout-sub-frag.xml과 연결(인플레이터)
// Fragment는 Activity안에 존재하는 작은 액티비티(조각)
public class MyFrag extends Fragment {
    @Nullable
    @Override
    public View onCreateView(@NonNull LayoutInflater inflater,
        @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {
        /* 내용보기*/
        /* return inflater.inflate(R.layout.sub_frag, container);*/
        /* https://developer.android.com/guide/components/fragments */
        /* 이벤트처리할때 */
        ViewGroup vg = (ViewGroup)inflater.inflate(R.layout.sub_frag, container);
        CheckBox checkBox = vg.findViewById(R.id.checkBox);
        checkBox.setOnCheckedChangeListener(new CompoundButton.OnCheckedChangeListener() {
            @Override
            public void onCheckedChanged(CompoundButton compoundButton, boolean b) {
                // 현재 변경하고자 하는 뷰는 MainActivity에 존재하므로
                MainActivity activity = (MainActivity)getActivity();
                if(b){
                    activity.imageView.setImageResource(R.drawable.dream03);
                }else{
                    activity.imageView.setImageResource(R.drawable.dream01);
                }
            }
        });
        return vg;
    }
}
```

