

NAMA/NIM	Muh. Iqbal FN / 10115033	Tugas ke – 5.1
TOPIK	Custom List View dengan gambar	PARAF: 9/11/2016
Activity_main.xml <pre> <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android" android:layout_width="fill_parent" android:layout_height="fill_parent" android:orientation="vertical" > <TextView android:id="@+id/textViewPlanet" android:layout_width="wrap_content" android:layout_height="wrap_content" android:text="Planet yang dipilih : " android:textColor="#666666" android:textSize="17sp" android:textStyle="normal bold" android:typeface="serif" /> <ListView android:layout_width="fill_parent" android:layout_height="fill_parent" android:id="@+id/listview"/> </LinearLayout> </pre>		

item.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:padding="5dp" >

    <ImageView
        android:id="@+id/imageview"
        android:layout_width="120dp"
        android:layout_height="80dp"
        android:scaleType="centerCrop"
        android:layout_alignParentLeft="true"
        android:src="@drawable/ic_launcher" />

    <LinearLayout
        android:layout_width="fill_parent"
        android:layout_height="80dp"
        android:orientation="vertical"
        android:layout_toRightOf="@+id/imageview">

        <TextView
            android:id="@+id/textview"
            android:layout_width="fill_parent"
            android:layout_height="fill_parent"
            android:layout_marginLeft="10dp"
            android:gravity="center_vertical"
            android:padding="2.5dp"
            android:text="Sample Text"
            android:textColor="#000066"
            android:textSize="20sp"
            android:textStyle="bold/italic"
            android:typeface="serif" />

    </LinearLayout>

</RelativeLayout>
```

MainActivity.java

```
package com.example.customlistview;

import android.app.Activity;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ListView;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends Activity {
    TextView textViewPlanet;
    ListView listViewPlanet;
    Integer[] image = { R.drawable.bumi,R.drawable.mars,R.drawable.merkurius,
                        R.drawable.neptunus,R.drawable.saturnus,R.drawable.uranus,
                        R.drawable.yupiter };
    String [] name = {"Bumi","Mars","Merkurius","Neptunus","Saturnus","Uranus",
                     "Yupiter"};

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

        listViewPlanet =(ListView) findViewById(R.id.listview);
        textViewPlanet =(TextView) findViewById(R.id.textViewPlanet);

        CustomList adapter = new CustomList(MainActivity.this, name, image);
        listViewPlanet.setAdapter(adapter);

        listViewPlanet.setOnItemClickListener(new OnItemClickListener(){

            @Override
            public void onItemClick(AdapterView<?> parent, View v, int position,
                                   long id) {
                Toast.makeText(MainActivity.this, + position,
                Toast.LENGTH_SHORT).show();
            }
        });
        //mengontrol even klik pada listView
        listViewPlanet.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            public void onItemClick(AdapterView<?> parent, View v, int position, long
id) {
                String keterangan ="Planet yang dipilih : " + name [position];
                textViewPlanet.setText(keterangan);
            }
        });
    }
}
```

CustomList.java

```
package com.example.customlistview;

import android.app.Activity;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ArrayAdapter;
import android.widget.ImageView;
import android.widget.TextView;

public class CustomList extends ArrayAdapter<String> {
    public final Activity context;
    public final String[] name;
    public final Integer[] image;

    public CustomList(Activity context, String[] name, Integer[] image) {
        super(context, R.layout.item, name);
        this.context = context;
        this.name = name;
        this.image = image;
    }

    @Override
    public View getView (int position, View view, ViewGroup parent) {
        LayoutInflater inflater = context.getLayoutInflater();
        View rowView = inflater.inflate(R.layout.item, null, true);
        ImageView imgView = (ImageView) rowView.findViewById(R.id.imageview);
        TextView txtView = (TextView) rowView.findViewById(R.id.textview);

        imgView.setImageResource(image[position]);
        txtView.setText(name[position]);
        return rowView;
    }
}
```

SCREENSHOT APLIKASI

