TUGAS

PRAKTIKUM PAPB

“ Intent**”**



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1. **Source Code**
2. 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"  
 android:orientation="vertical">  
  
 <TabHost  
 android:id="@+id/tHost"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
  
 <TabWidget  
 android:id="@android:id/tabs"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginHorizontal="15dp" />  
 <FrameLayout  
 android:id="@android:id/tabcontent"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <LinearLayout  
 android:id="@+id/tabTambah"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="60dp"  
 android:text="Buat Kontak"  
 android:textColor="@color/text"  
 android:textSize="30dp"  
 android:layout\_marginHorizontal="15dp"/>  
  
 <EditText  
 android:id="@+id/eNama"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_marginHorizontal="15dp"  
 android:hint="Nama" />  
  
 <EditText  
 android:id="@+id/eNomor"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginHorizontal="15dp"  
 android:hint="Nomor" />  
  
 <Button  
 android:id="@+id/bTambah"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="150dp"  
 android:text="Simpan"  
 android:onClick="tambahKontak"/>  
  
 </LinearLayout>  
  
 <android.support.constraint.ConstraintLayout  
 android:id="@+id/tabDaftar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:onClick="popUpDiss">  
  
 <ListView  
 android:id="@+id/lKontak"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 </ListView>  
  
 <LinearLayout  
 android:id="@+id/popUp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginLeft="8dp"  
 android:layout\_marginRight="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:background="@color/colorAccent"  
 android:orientation="vertical"  
 android:visibility="gone"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="@+id/lKontak">  
  
 <TextView  
 android:id="@+id/popUpNama"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginBottom="10dp"  
 android:layout\_marginTop="10dp"  
 android:text="" />  
  
 <TextView  
 android:id="@+id/popUpNomor"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginBottom="10dp"  
 android:text="" />  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/bSMS"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="10dp"  
 android:text="SMS" />  
  
 <Button  
 android:id="@+id/bPanggil"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="10dp"  
 android:text="PANGGIL" />  
  
 </LinearLayout>  
 </LinearLayout>  
 </android.support.constraint.ConstraintLayout>  
 </FrameLayout>  
 </LinearLayout>  
 </TabHost>  
</LinearLayout>

1. MainActivity.java

package com.example.acer.what;  
  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.content.Intent;  
import android.net.Uri;  
import android.util.Log;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.LinearLayout;  
import android.widget.ListView;  
import android.widget.TabHost;  
import android.widget.TextView;  
import android.widget.Toast;  
import java.util.ArrayList;  
  
public class MainActivity extends AppCompatActivity {  
 TabHost tHost;  
 ListView lKontak;  
 EditText eNama, eNomor;  
 TextView popUpNama,popUpNomor;  
 LinearLayout popUp;  
 Button bSMS,bPanggil;  
 ArrayList<String> myItem = new ArrayList<String>();  
 ArrayList<String> mySubItem = new ArrayList<String>();  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 bPanggil = (Button) findViewById(R.id.*bPanggil*);  
 bSMS= (Button) findViewById(R.id.*bSMS*);  
 eNama = (EditText) findViewById(R.id.*eNama*);  
 eNomor = (EditText) findViewById(R.id.*eNomor*);  
 lKontak = (ListView) findViewById(R.id.*lKontak*);  
 popUp = (LinearLayout) findViewById(R.id.*popUp*);  
 popUpNama = (TextView) findViewById(R.id.*popUpNama*);  
 popUpNomor = (TextView) findViewById(R.id.*popUpNomor*);  
  
  
  
 ArrayAdapter<String> arrayAdapter = new ArrayAdapter<String>(this, android.R.layout.*simple\_list\_item\_1*, myItem);  
  
 lKontak.setAdapter(arrayAdapter);  
  
 lKontak.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> adapterView, View view, final int position, long l) {  
 popUp.setVisibility(View.*VISIBLE*);  
 popUpNama.setText(myItem.get(position).toString());  
 popUpNomor.setText(mySubItem.get(position).toString());  
  
 bPanggil.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String toDial = "tel: " + mySubItem.get(position).toString();  
 startActivity(new Intent(Intent.*ACTION\_DIAL*, Uri.*parse*(toDial)));  
 Log.*i*("tapped",myItem.get(position));  
 }  
 });  
  
  
 bSMS.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String toSMS = "sms:" + mySubItem.get(position).toString();  
 startActivity(new Intent(Intent.*ACTION\_VIEW*, Uri.*parse*(toSMS)));  
 }  
 });  
  
  
 }  
 });  
  
 tHost = (TabHost) findViewById(R.id.*tHost*);  
 tHost.setup();  
  
 TabHost.TabSpec spec = tHost.newTabSpec("Tambah Kontak");  
 spec.setContent(R.id.*tabTambah*);  
 spec.setIndicator("Tambah Kontak");  
 tHost.addTab(spec);  
  
 spec = tHost.newTabSpec("Daftar Kontak");  
 spec.setContent(R.id.*tabDaftar*);  
 spec.setIndicator("Daftar Kontak");  
 tHost.addTab(spec);  
  
 }  
 public void tambahKontak(View view) {  
 myItem.add(eNama.getText().toString());  
 mySubItem.add(eNomor.getText().toString());  
 eNama.setText("");  
 eNomor.setText("");  
 Toast.*makeText*(this, "Kontak telah disimpan!", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 public void popUpDiss(View view) {  
 popUp.setVisibility(View.*GONE*);  
 }  
}

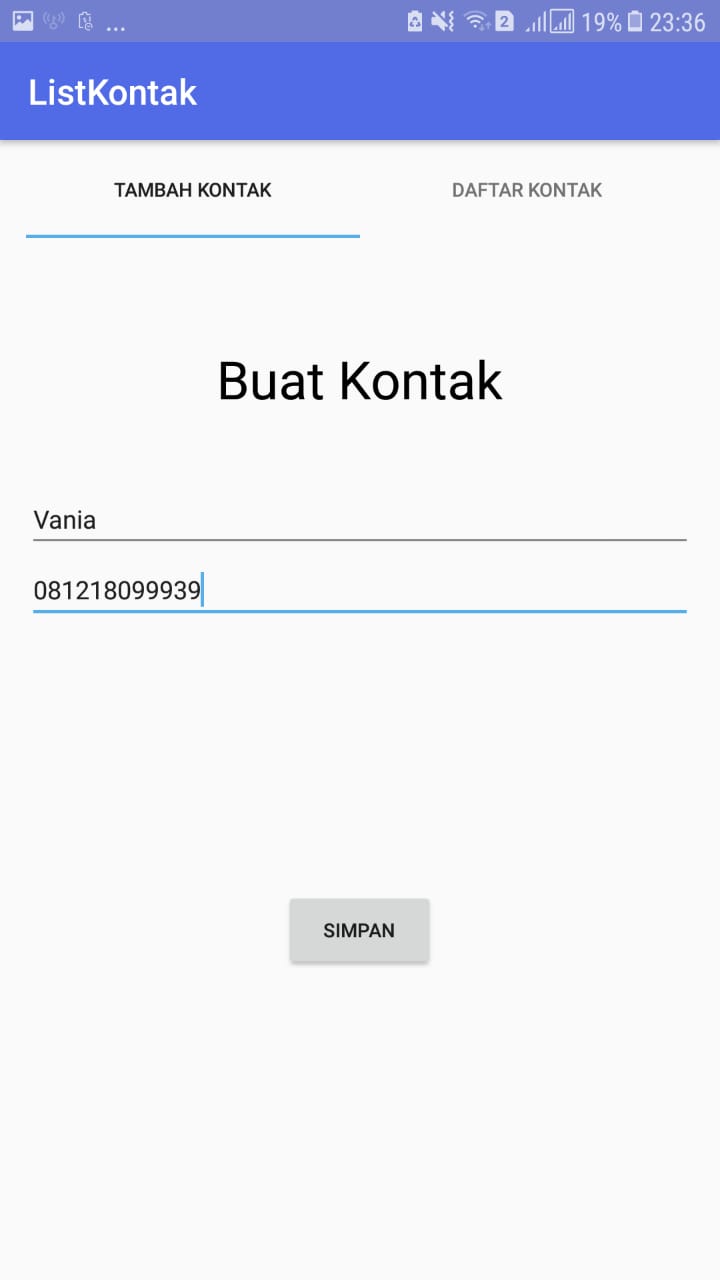
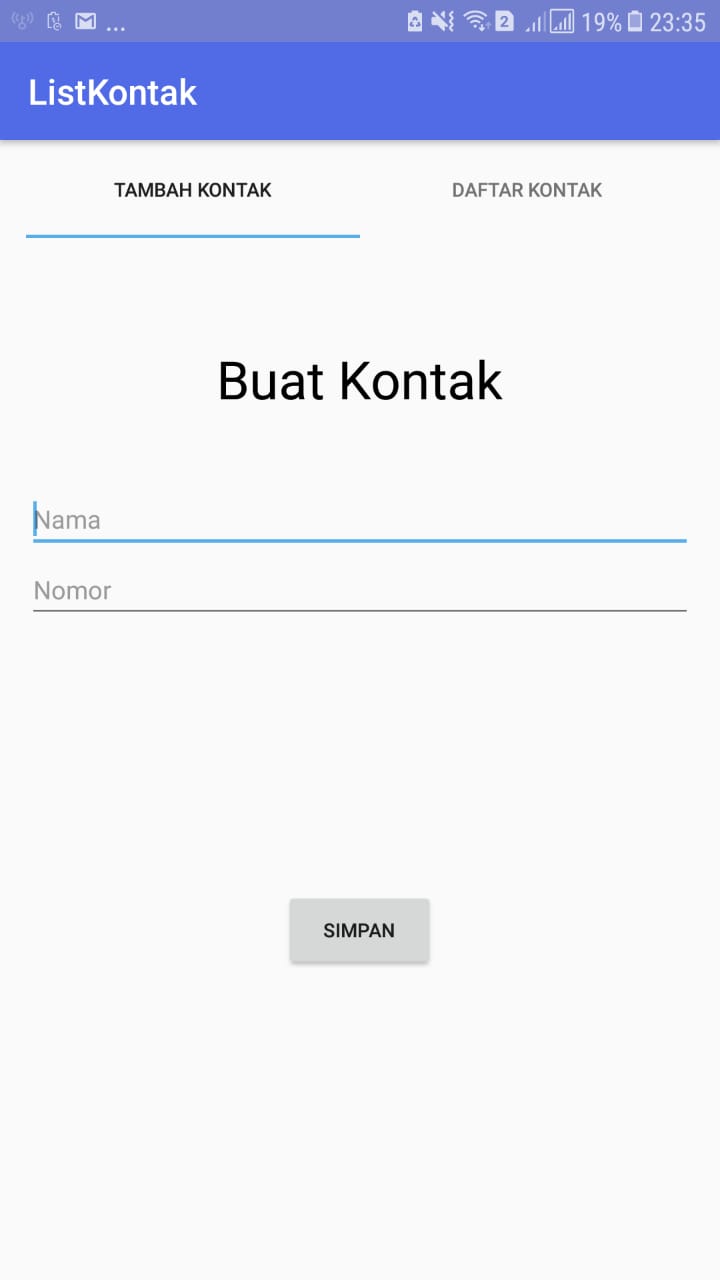
1. AndroidManifest.xml

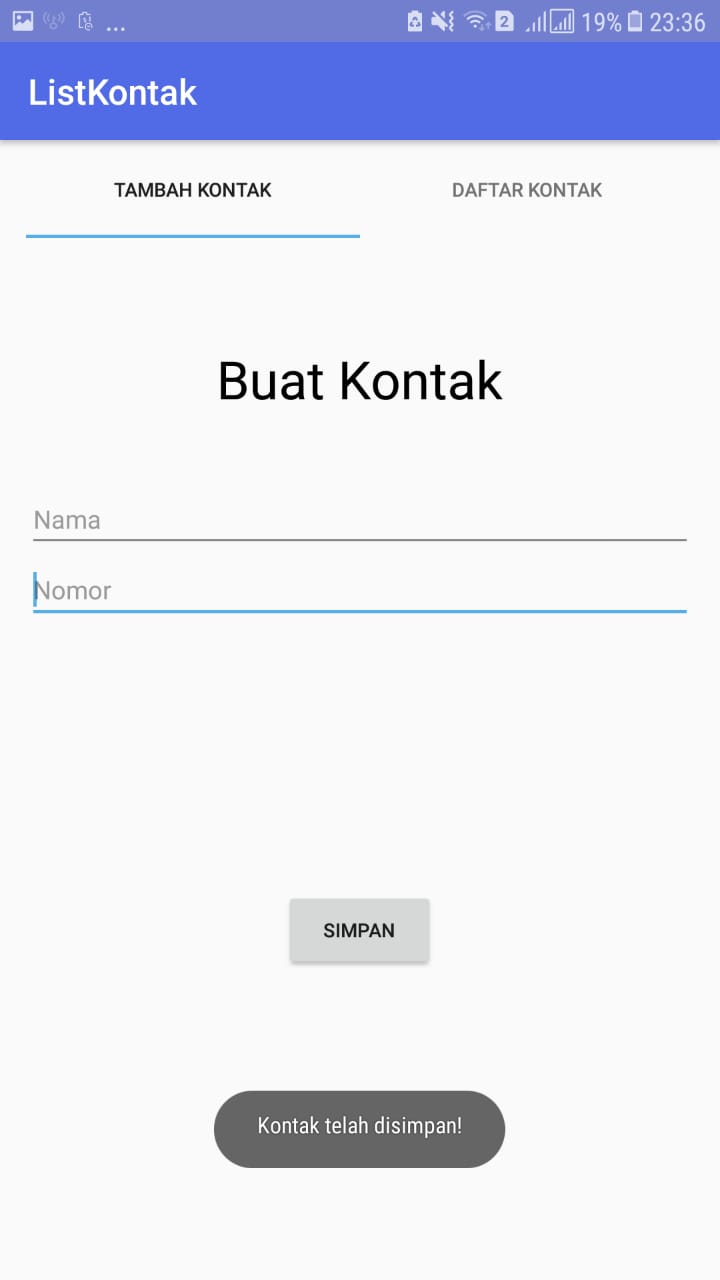
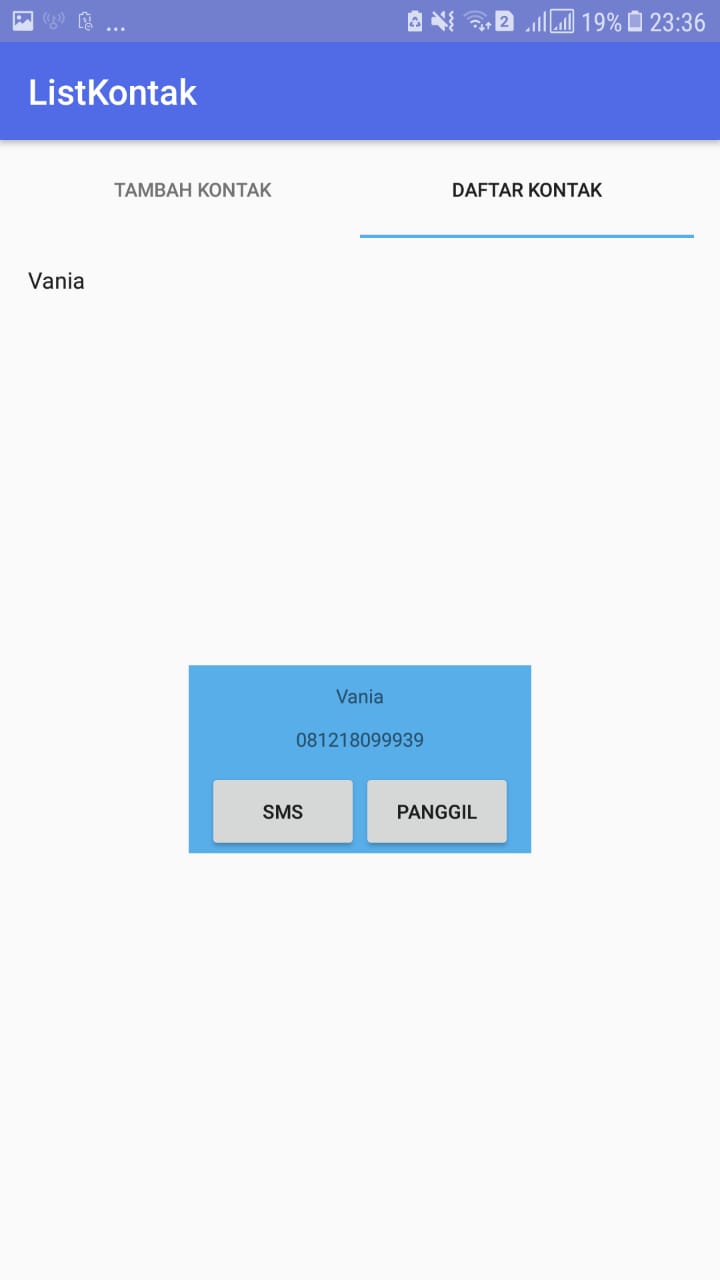
<?xml version="1.0" encoding="utf-8"?>  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.example.acer.tugasIntent ">  
 <uses-permission android:name="android.permission.READ\_CONTACTS"/>  
 <uses-permission android:name="android.permission.CALL\_PHONE"/>  
 <uses-permission android:name="android.permission.SEND\_SMS"/>  
  
 <application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/AppTheme">  
 <activity android:name=".MainActivity">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>

1. colors.xml

<?xml version="1.0" encoding="utf-8"?>  
<resources>  
 <color name="colorPrimary">#516be7</color>  
 <color name="colorPrimaryDark">#727fce</color>  
 <color name="colorAccent">#57aee9</color>  
 <color name="text">#000000</color>  
</resources>

1. **Screenshot**



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