**页面一**MainActivity.java

package com.example.tianyl.myapplication;  
import android.content.Intent;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
public class MainActivity extends AppCompatActivity {  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*mainactivity*);  
 Button button1=findViewById(R.id.*button1*);  
 Button.OnClickListener buttonListener=new Button.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(MainActivity.this, basicinfoactivity.class);  
 startActivity(intent);  
 }  
 };  
 button1.setOnClickListener(buttonListener);  
 }  
}

**页面二**basicinfoactivity.java

package com.example.tianyl.myapplication;  
import android.content.ComponentName;  
import android.content.Intent;  
import android.content.ServiceConnection;  
import android.os.Bundle;  
import android.os.IBinder;  
import android.support.v7.app.AppCompatActivity;  
import android.text.Editable;  
import android.text.TextWatcher;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
public class basicinfoactivity extends AppCompatActivity {  
 textservice yanzhenservice;  
 String shuzu[] = new String[8];  
 private ServiceConnection service1 = new ServiceConnection() {  
 @Override  
 public void onServiceConnected(ComponentName name, IBinder service) {  
 yanzhenservice = (textservice) ((textservice.LocalBinder) service).getService();  
 }  
 @Override  
 public void onServiceDisconnected(ComponentName name) {  
 }  
 };  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*basicinfoactivity*);  
 final EditText stu\_id = findViewById(R.id.*stu\_id*);  
 final EditText name\_id = findViewById(R.id.*name\_id*);  
 final EditText shenfen\_id = findViewById(R.id.*shenfen\_id*);  
 RadioGroup radio1 = findViewById(R.id.*radio1*);  
 final EditText jiguan\_id = findViewById(R.id.*jiguan\_id*);  
 final EditText year\_id = findViewById(R.id.*year\_id*);  
 final EditText month\_id = findViewById(R.id.*month\_id*);  
 final EditText day\_id = findViewById(R.id.*day\_id*);  
 final Intent service2 = new Intent(this, textservice.class);  
 bindService(service2, service1, basicinfoactivity.*BIND\_AUTO\_CREATE*);  
 shenfen\_id.addTextChangedListener(new TextWatcher() {  
 @Override  
 public void beforeTextChanged(CharSequence s, int start, int count, int after) {  
 }  
 @Override  
 public void onTextChanged(CharSequence s, int start, int before, int count) {  
 }  
 @Override  
 public void afterTextChanged(Editable s) {  
 if (shenfen\_id.getText().toString().length() >= 17) {  
 shuzu[4] = yanzhenservice.getNative(shenfen\_id.getText().toString());  
 shuzu[5] = yanzhenservice.birthday(shenfen\_id.getText().toString())[0];  
 shuzu[6] = yanzhenservice.birthday(shenfen\_id.getText().toString())[1];  
 shuzu[7] = yanzhenservice.birthday(shenfen\_id.getText().toString())[2];  
 jiguan\_id.setText(yanzhenservice.getNative(shenfen\_id.getText().toString()));  
 year\_id.setText(yanzhenservice.birthday(shenfen\_id.getText().toString())[0]);  
 month\_id.setText(yanzhenservice.birthday(shenfen\_id.getText().toString())[1]);  
 day\_id.setText(yanzhenservice.birthday(shenfen\_id.getText().toString())[2]);  
 }  
  
 }  
 });  
 radio1.setOnCheckedChangeListener(new RadioGroup.OnCheckedChangeListener() {  
 @Override  
 public void onCheckedChanged(RadioGroup group, int checkedId) {  
 int radio\_id1=group.getCheckedRadioButtonId();  
 RadioButton choice=basicinfoactivity.this.findViewById(radio\_id1);  
 shuzu[3]=choice.getText().toString();  
 }  
 });  
 Button button2 = findViewById(R.id.*button2*);  
 button2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 shuzu[0] = stu\_id.getText().toString();  
 shuzu[1] = name\_id.getText().toString();  
 shuzu[2] = shenfen\_id.getText().toString();  
 Intent intent = new Intent(basicinfoactivity.this, schoolinfoactivity.class);  
 Bundle bundle = new Bundle();  
 bundle.putStringArray("shuzu", shuzu);  
 intent.putExtras(bundle);  
 startActivity(intent);  
 }  
 });  
 }  
}

**页面三** schoolinfoactivity.java

package com.example.tianyl.myapplication;  
import android.content.Intent;  
import android.os.Bundle;  
import android.support.v7.app.AppCompatActivity;  
import android.view.View;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Spinner;  
import java.util.ArrayList;  
import java.util.List;  
public class schoolinfoactivity extends AppCompatActivity {  
 String[] shuzu;  
 String getchoice;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*schoolinfoactivity*);  
 Spinner spinner=findViewById(R.id.*Spinner*);  
 List<String> list=new ArrayList<String>();  
 list.add("光电工程学院");  
 list.add("机电工程学院");  
 list.add("材料与化学工程学院");  
 list.add("电子信息工程学院");  
 list.add("经济管理学院");  
 list.add("计算机科学与工程学院");  
 list.add("建筑工程学院");  
 list.add("外国语学院");  
 list.add("人文学院");  
 list.add("理学院");  
 list.add("体育学院");  
 list.add("艺术与传媒学院");  
 list.add("中国书法学院");  
 ArrayAdapter<String> adapter=new ArrayAdapter<String>(this,android.R.layout.*simple\_spinner\_item*,list);  
 adapter.setDropDownViewResource(android.R.layout.*simple\_spinner\_dropdown\_item*);  
 spinner.setAdapter(adapter);  
 Bundle bundle=this.getIntent().getExtras();  
 shuzu=bundle.getStringArray("shuzu");  
 final Spinner spinner1=findViewById(R.id.*Spinner*);  
 final EditText major=findViewById(R.id.*major*);  
 final EditText class1=findViewById(R.id.*class1*);  
 Button button3=findViewById(R.id.*button3*);  
 getchoice=spinner.getSelectedItem().toString();  
 button3.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(schoolinfoactivity.this, otherinfoactivity.class);  
 Bundle bundle = new Bundle();  
 bundle.putStringArray("shuzu", shuzu);  
 bundle.putString("getchoice", "所在学院：" + getchoice +"\n");  
 bundle.putString("major", "专业：" + major.getText().toString() + "\n");  
 bundle.putString("class1", "班级：" + class1.getText().toString() + "\n");  
 intent.putExtras(bundle);  
 startActivity(intent);  
 }  
 });  
 }  
}

**页面四** otherinfoactivity.java

package com.example.tianyl.myapplication;  
import android.content.Intent;  
import android.net.Uri;  
import android.os.Build;  
import android.os.Bundle;  
import android.provider.Settings;  
import android.support.v7.app.AppCompatActivity;  
import android.view.View;  
import android.widget.Button;  
import android.widget.CheckBox;  
import android.widget.EditText;  
import android.widget.Toast;  
public class otherinfoactivity extends AppCompatActivity {  
 CheckBox[] choice = new CheckBox[6];  
 String[] shuzu;  
 EditText phone\_id;  
 EditText email\_id;  
 EditText wechat\_id;  
 String getchoice;  
 String major;  
 String class1;  
 @Override  
 protected void onActivityResult(int requestCode, int resultCode, Intent data) {  
 if (requestCode == 10) {  
 if (Build.VERSION.*SDK\_INT* >= 23) {  
 if (!Settings.*canDrawOverlays*(this)) {  
 Toast.*makeText*(this, "拒绝权限", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 }  
 }  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*otherinfoactivity*);  
 if (Build.VERSION.*SDK\_INT* >= 23) {  
 if (!Settings.*canDrawOverlays*(otherinfoactivity.this)) {  
 Intent intent = new Intent(Settings.*ACTION\_MANAGE\_OVERLAY\_PERMISSION*,  
 Uri.*parse*("package:" + getPackageName()));  
 startActivityForResult(intent, 10);  
 }  
 }  
 Bundle bundle = this.getIntent().getExtras();  
 shuzu = bundle.getStringArray("shuzu");  
 getchoice = bundle.getString("getchoice");  
 major = bundle.getString("major");  
 class1 = bundle.getString("class1");  
 choice[0] = findViewById(R.id.*checkbox1*);  
 choice[1] = findViewById(R.id.*checkbox2*);  
 choice[2] = findViewById(R.id.*checkbox3*);  
 choice[3] = findViewById(R.id.*checkbox4*);  
 choice[4] = findViewById(R.id.*checkbox5*);  
 choice[5] = findViewById(R.id.*checkbox6*);  
 phone\_id = findViewById(R.id.*phone\_id*);  
 email\_id = findViewById(R.id.*email\_id*);  
 wechat\_id = findViewById(R.id.*wechat\_id*);  
 Button button4 = findViewById(R.id.*button4*);  
 button4.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent("com.example.androidwork");  
 intent.setPackage(getPackageName());  
 intent.putExtra("info",list());  
 sendBroadcast(intent);  
 }  
 });  
 }  
 private String list(){  
 String info = " ";  
 String check = " ";  
 info= "学号：" + shuzu[0] + "\n" +  
 "姓名：" + shuzu[1] + "\n" +  
 "身份证号：" + shuzu[2] + "\n" +  
 "性别：" + shuzu[3] + "\n" +  
 "籍贯：" + shuzu[4] + "\n"+  
 "生日：" + shuzu[5] +  
 "年"+ shuzu[6] + "月" + shuzu[7] + "日\n";  
 for (int i = 0; i < choice.length; i++){  
 if (choice[i].isChecked()){  
 check = check + choice[i].getText().toString() + ",";  
 }  
 }  
 check = check.substring(0, check.length() - 1);  
 return info + getchoice + major + class1 + "电话："+phone\_id.getText().toString() + "\n" +  
 "邮箱：" + email\_id.getText().toString() + "\n" +  
 "微信号：" + wechat\_id.getText().toString() + "\n" +  
 "特长：" + check;  
 }  
}

**身份证验证页面**textservice.java

package com.example.tianyl.myapplication;  
import android.app.Service;  
import android.content.Intent;  
import android.os.Binder;  
import android.os.IBinder;  
import android.widget.Toast;  
import java.io.BufferedReader;  
import java.io.IOException;  
import java.io.InputStream;  
import java.io.InputStreamReader;  
public class textservice extends Service {  
 public textservice() {  
 }  
 private final IBinder mBinder = new LocalBinder();  
 public class LocalBinder extends Binder {  
 Service getService() {  
 return textservice.this;  
 }  
 }  
 @Override  
 public IBinder onBind(Intent intent) {  
 Toast.*makeText*(this, "本地绑定", Toast.*LENGTH\_SHORT*).show();  
 return mBinder;  
 }  
 public boolean checkingNumber(String number){  
 int[] checkNumber = {7,9,10,5,8,4,2,1,6,3,7,9,10,5,8,4,2};  
 String[] lastNumber = {"1","0","x","9","8","7","6","5","4","3","2"};  
 int sum = 0;  
 int tem = 0;  
 if (number.length() >= 17){  
 for (int i = 0; i < checkNumber.length; i++){  
 sum += Integer.*parseInt*(number.charAt(i) + "") \* checkNumber[i];  
 }  
 tem = sum % 11;  
 if (tem >=0 && tem <= 10){  
 if(lastNumber[tem].equals(number.charAt(17)+"")){  
 return true;  
 } else return false;  
 }  
 }  
 return false;  
 }  
 public String[] birthday (String numberId){  
 String year = numberId.substring(6, 10);  
 String month = numberId.substring(10, 12);  
 String day = numberId.substring(12, 14);  
 return new String[]{year, month, day};  
 }  
 public String getNative(String number){  
 try {  
 InputStream is = getResources().openRawResource(R.raw.*native\_place\_comparison\_table*);  
 InputStreamReader isr = new InputStreamReader(is);  
 BufferedReader br = new BufferedReader(isr);  
 String str\_raw = "";  
 while ((str\_raw = br.readLine()) != null) {  
 String[] tem = str\_raw.split(":");  
 if (tem[0].equals(number.substring(0,6))){  
 return tem[1];  
 }  
 }  
 } catch (IOException e) {  
 e.printStackTrace();  
 }  
 return "没找到";  
 }  
 }

**广播页面** pointservice.java

package com.example.tianyl.myapplication;  
import android.app.AlertDialog;  
import android.content.BroadcastReceiver;  
import android.content.Context;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.os.Build;  
import android.view.WindowManager;  
public class pointreceiver extends BroadcastReceiver {  
 @Override  
 public void onReceive(final Context context, final Intent intent) {  
 String msg = intent.getStringExtra("info");  
 AlertDialog.Builder dialogBuilder = new AlertDialog.Builder(context);  
 dialogBuilder.setTitle("个人信息确认");  
 dialogBuilder.setMessage(msg);  
 dialogBuilder.setCancelable(false);  
 dialogBuilder.setPositiveButton("确定", null)  
 .setNegativeButton("取消", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialog, int which) {  
 Intent intent1=new Intent(context,basicinfoactivity.class);  
 intent1.addFlags(Intent.*FLAG\_ACTIVITY\_NEW\_TASK*);  
 context.startActivity(intent1);  
 }  
 });  
 AlertDialog alertDialog = dialogBuilder.create();  
 alertDialog.getWindow().setType(checkROM());  
 alertDialog.show();  
 }  
 private int checkROM() {  
 if (Build.VERSION.*SDK\_INT* >= 26){  
 return WindowManager.LayoutParams.*TYPE\_APPLICATION\_OVERLAY*;  
 }  
 return WindowManager.LayoutParams.*TYPE\_SYSTEM\_ALERT*;  
 }  
}

**AndroidManifest.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 package="com.example.tianyl.myapplication">  
 <uses-permission android:name="android.permission.SYSTEM\_ALERT\_WINDOW" />  
 <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"  
 tools:ignore="GoogleAppIndexingWarning">  
 <activity android:name=".MainActivity">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 <activity android:name=".basicinfoactivity" />  
 <activity android:name=".schoolinfoactivity" />  
 <activity android:name=".otherinfoactivity" />  
 <service  
 android:name=".textservice"  
 android:enabled="true"  
 android:exported="true"></service>  
 <receiver  
 android:name=".pointreceiver"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="com.example.androidwork"/>  
 </intent-filter>  
 </receiver>  
 </application>  
</manifest>