实验三：

在Activiy中设计三个按钮：

按第一个按钮简单切换到Activity2

按第二个按钮带一个double数组切换到Activity3，并在Activity3中求和，用Toast显示结果

按第三个按钮带一个double数组切换到Activity４，并在Activity中求和并返回结果到主Activity，在主活动中用Toast显示结果

package com.shf.sy4;  
  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 Button btn2 = findViewById(R.id.*btn2*);  
 btn2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
*// 显式调用* Intent intent = new Intent(MainActivity.this, MainActivity2.class);  
 startActivity(intent);  
  
*// 隐式调用  
// Intent intent1 = new Intent();  
// intent1.setAction("com.shf.second");  
// intent1.putExtra("datas",new Double[]{1.2,5.3,693.630});  
//// startActivity(intent1);  
// startActivityForResult(intent,100);* }  
 });  
  
 Button btn3 = findViewById(R.id.*btn3*);  
 btn3.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent();  
 intent.setAction("activity3");  
 intent.putExtra("datas",new double[]{1.2,5.3,6.9});  
 startActivity(intent);  
*// startActivityForResult(intent,100);* }  
 });  
  
  
 Button btn4 = findViewById(R.id.*btn4*);  
 btn4.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent();  
 intent.setAction("activity4");  
 intent.putExtra("datas",new double[]{1.2,5.3,6.9});  
 startActivityForResult(intent,100);  
 }  
 });  
 }  
  
 @Override  
 protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {  
 super.onActivityResult(requestCode, resultCode, data);  
  
 double result = data.getDoubleExtra("result",0.0);  
 Toast.*makeText*(getApplicationContext(),""+result,Toast.*LENGTH\_SHORT*).show();  
 }  
}

package com.shf.sy4;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.Toast;  
  
public class MainActivity3 extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main3*);  
  
 Button btn = findViewById(R.id.*button3*);  
 btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = getIntent();  
 double[] d = intent.getDoubleArrayExtra("datas");  
 double sum = 0.0;  
 for (int i = 0; i < d.length; i++) {  
 sum+=d[i];  
 }  
 System.*out*.println("----------------------"+sum);  
  
 Toast.*makeText*(getApplicationContext(),""+sum,Toast.*LENGTH\_LONG*).show();  
  
 finish();  
 }  
 });  
 }  
}

package com.shf.sy4;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.Toast;  
  
public class MainActivity4 extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main4*);  
  
 Button btn = findViewById(R.id.*button4*);  
 btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = getIntent();  
 double[] d = intent.getDoubleArrayExtra("datas");  
 double sum = 0.0;  
 for (int i = 0; i < d.length; i++) {  
 sum+=d[i];  
 }  
 System.*out*.println("----------------------"+sum);  
  
 Intent intent1 = new Intent();  
 intent1.putExtra("result",sum);  
 setResult(200,intent1);  
 finish();  
 }  
 });  
 }  
}



