**Intent**

**Main Activity**

*package* com.example.intents;  
  
*import* androidx.appcompat.app.AppCompatActivity;  
  
*import* android.content.Intent;  
*import* android.os.Bundle;  
*import* android.view.View;  
*import* android.widget.EditText;  
*import* android.widget.TextView;  
  
*public class* MainActivity *extends* AppCompatActivity {  
 *//public static final String NUMBER\_ONE = "com.example.intents.NUMBER\_ONE";* TextView tvFirstActivity;  
 EditText etNumberOne, etNumberTwo;  
  
 @Override  
 *protected void* onCreate(Bundle savedInstanceState) {  
 *super*.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 etNumberOne = findViewById(R.id.*et\_first\_number*);  
 etNumberTwo = findViewById(R.id.*et\_second\_number*);  
 tvFirstActivity = findViewById(R.id.*tv\_first\_activity*);  
  
 tvFirstActivity.setOnClickListener(*new* View.OnClickListener() {  
 @Override  
 *public void* onClick(View v) {  
 */\*Intent intent = new Intent();  
 intent.setClass(MainActivity.this, SecondActivity.class);  
 startActivity(intent);\*/* Intent intent = *new* Intent(MainActivity.*this*, SecondActivity.*class*);  
 *int* number1 = Integer.*parseInt*(etNumberOne.getText().toString());  
 *int* number2 = Integer.*parseInt*(etNumberTwo.getText().toString());  
  
 Bundle bundle = *new* Bundle();  
 bundle.putInt("FIRST\_NUMBER", number1);  
 bundle.putInt("SECOND\_NUMBER", number2);  
  
 intent.putExtra("Numbers", bundle);  
 startActivity(intent);  
 }  
 });  
 }  
}

**Second Activity**

*package* com.example.intents;  
  
*import* android.content.Intent;  
*import* android.os.Bundle;  
*import* android.widget.TextView;  
  
*import* androidx.annotation.Nullable;  
*import* androidx.appcompat.app.AppCompatActivity;  
  
*public class* SecondActivity *extends* AppCompatActivity {  
 TextView tvSecond;  
  
 @Override  
 *protected void* onCreate(@Nullable Bundle savedInstanceState) {  
 *super*.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second*);  
  
 tvSecond = findViewById(R.id.*textView*);  
  
 Intent secondIntent = getIntent();  
 Bundle bundle = secondIntent.getExtras().getBundle("Numbers");  
 *int* number1 = bundle.getInt("FIRST\_NUMBER");  
 *int* number2 = bundle.getInt("SECOND\_NUMBER");  
 *int* sum = number1 + number2;  
 tvSecond.setText("" + sum);  
  
  
 }  
}