Passing One Intent to Second Intent
  1. activity_main.xml

```xml
<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"
   android:background="#808000"
   android:orientation="vertical"
   android:gravity="center"
   tools:context=".MainActivity">

   <TextView
      android:layout_width="wrap_content"
      android:layout_height="wrap_content"
      android:text="This is first Activity"
      android:textSize="25sp"
      android:textColor="#FFFFFF"
      android:layout_marginTop="30dp"/>

   <Button
      android:id="@+id/button_first"
      android:layout_width="wrap_content"
      android:layout_height="wrap_content"
      android:text="go to second Activity"
      android:layout_centerInParent="true"
      android:layout_marginTop="20dp"/>

</LinearLayout>
```

  2. activity_second.xml
```xml
<?xml
version="1.0"
encoding="ut
f-8"?>
         <LinearLayout
      2  xmlns:android="http://schemas.android.com/apk/res/an
```

```xml
        droid"
        xmlns:app="http://schemas.android.com/apk/res-
    3   auto"
    4   xmlns:tools="http://schemas.android.com/tools"
    5   android:layout_width="match_parent"
    6   android:layout_height="match_parent"
    7   android:background="#319E36"
    8   android:orientation="vertical"
    9   android:gravity="center"
   10   tools:context=".SecondActivity">
   11
   12   <TextView
   13       android:layout_width="wrap_content"
   14       android:layout_height="wrap_content"
   15       android:text="This is second Activity"
   16       android:textSize="25sp"
   17       android:textColor="#FFFFFF"
   18       android:layout_marginTop="30dp"/>
   19
   20   <Button
   21       android:id="@+id/button_second"
   22       android:layout_width="wrap_content"
   23       android:layout_height="wrap_content"
   24       android:text="go to first Activity"
   25       android:layout_centerInParent="true"
   26       android:layout_marginTop="20dp"/>
   27
   28 </LinearLayout>
   29
```

3. MainActivity.java

```java
   import androidx.appcompat.app.AppCompatActivity;
   2
   3   import android.content.Intent;
   4   import android.os.Bundle;
   5   import android.view.View;
   6   import android.widget.Button;
   7
   8   public class MainActivity extends AppCompatActivity{
   9
```

```java
10        @Override
11        protected void onCreate(Bundle savedInstanceState) {
12            super.onCreate(savedInstanceState);
13            setContentView(R.layout.activity_main);
14            Button button = findViewById(R.id.button_first);
15
16            button.setOnClickListener(new View.OnClickListener() {
17                @Override
18                public void onClick(View v) {
19
20                    Intent intent = new
Intent(MainActivity.this,SecondActivity.class);
21                    startActivity(intent);
22                    finish();
23                }
24            });
25        }
26    }
```

4. SecondActivity.java

```java
import androidx.appcompat.app.AppCompatActivity;
2
3    import android.content.Intent;
4    import android.os.Bundle;
5    import android.view.View;
6    import android.widget.Button;
7
8    public class SecondActivity extends AppCompatActivity {
9
10        @Override
11        protected void onCreate(Bundle savedInstanceState) {
12            super.onCreate(savedInstanceState);
13            setContentView(R.layout.activity_second);
14
15            Button button = findViewById(R.id.button_second);
16
17            button.setOnClickListener(new View.OnClickListener() {
18                @Override
19                public void onClick(View v) {
20
21                    Intent intent = new
Intent(SecondActivity.this,MainActivity.class);
22                    startActivity(intent);
23                    finish();
```

```
24          }
25      });
26    }
27  }
28
```