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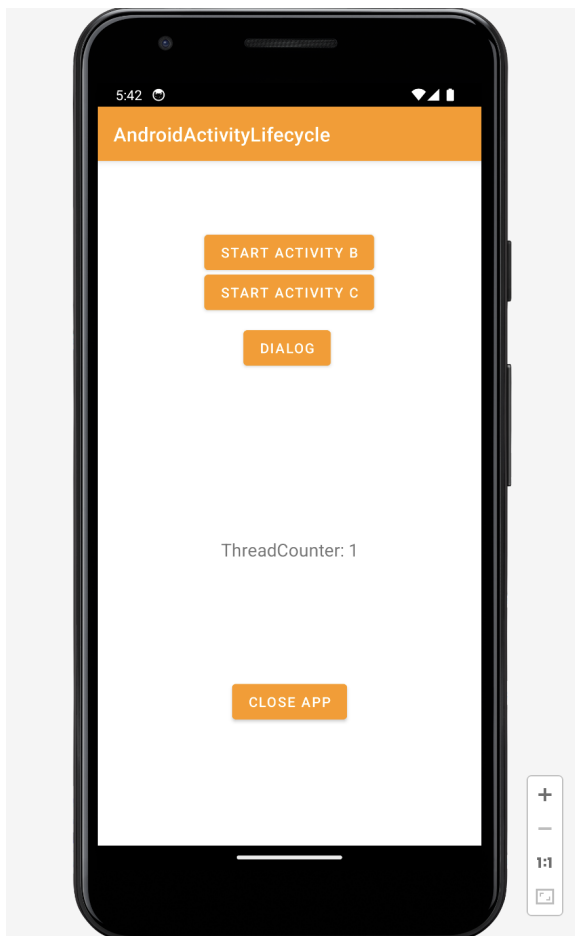
SID: 016622398

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Activity Life Cycle

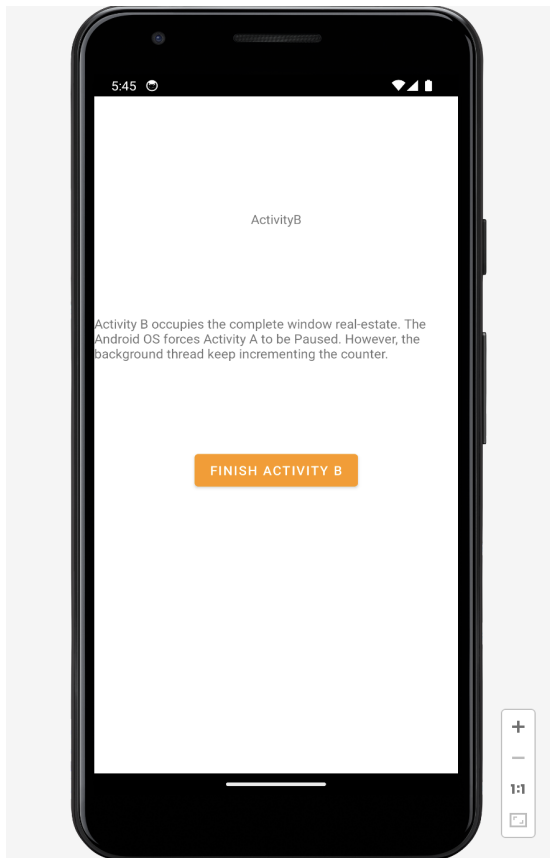
(Updated Code screen capture are at the end)

Main Activity Screen Capture:

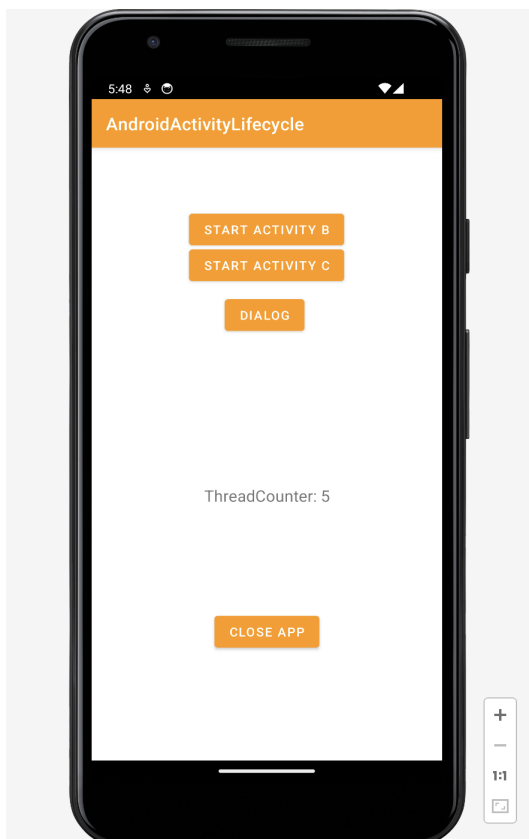


Activity B and Activity C on next page

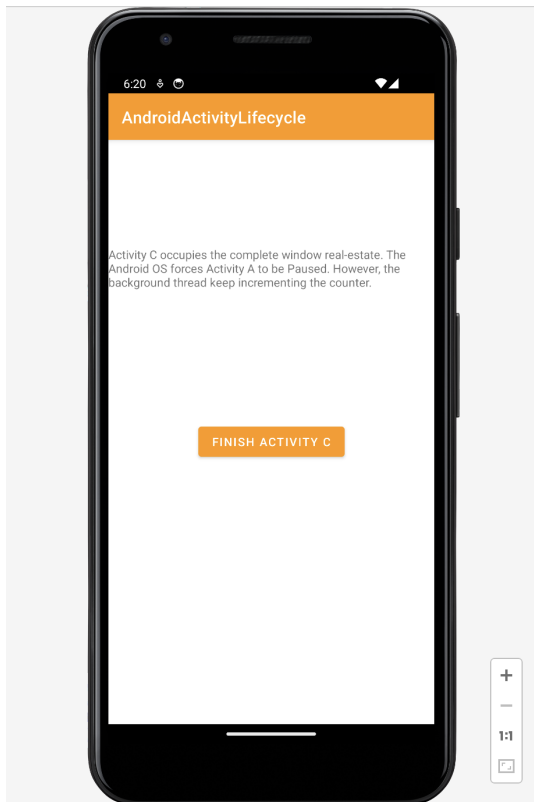
Activity B:



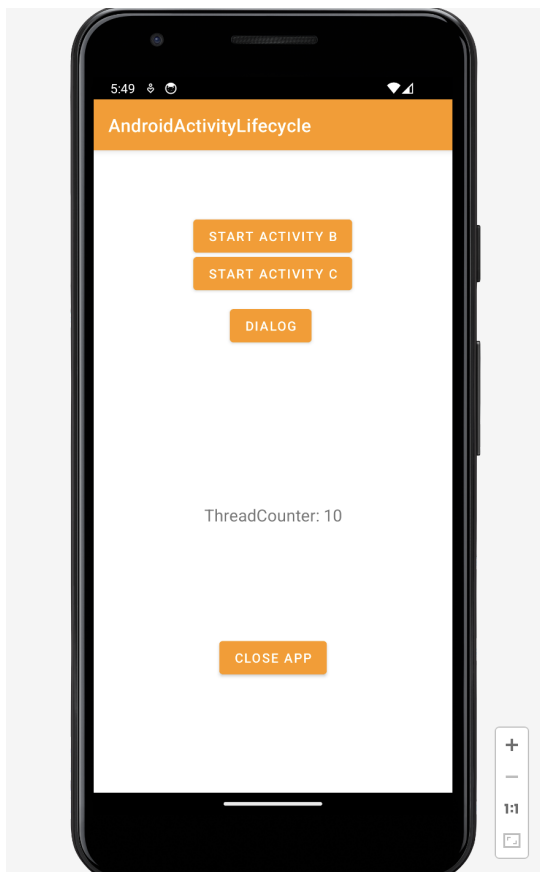
Increased thread counter by 5



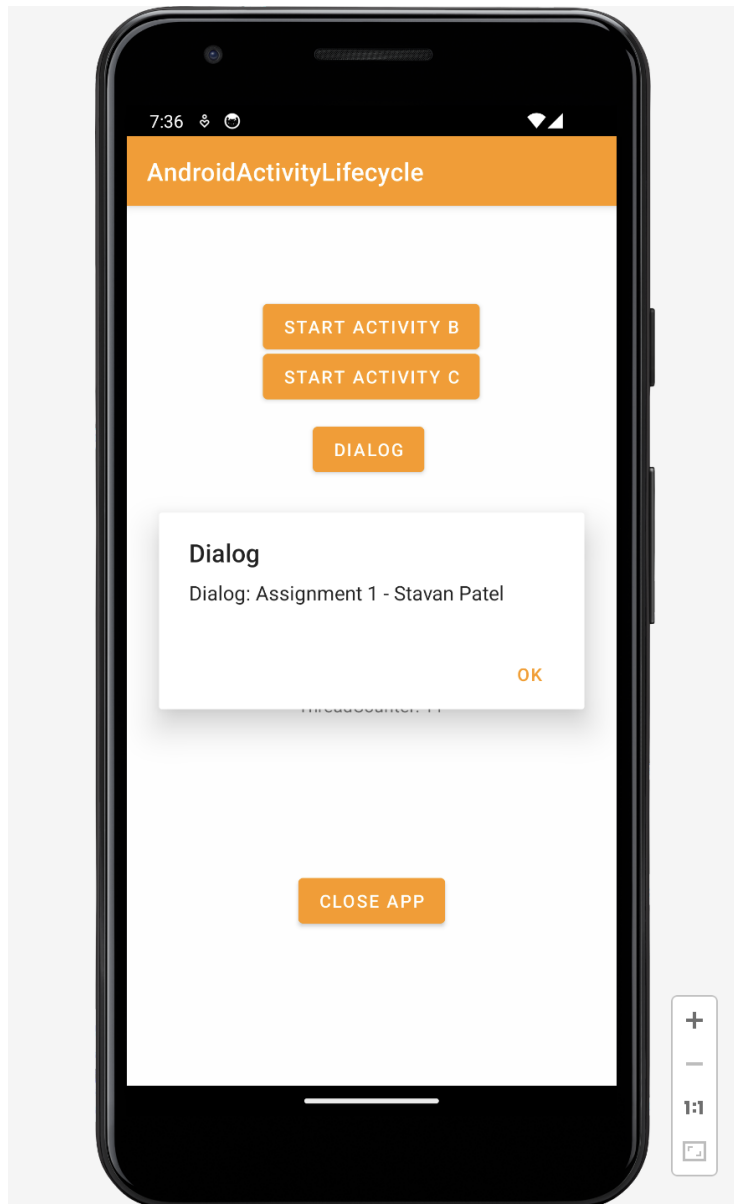
Activity C:



Increased thread counter by 10



Dialog Activity:



Code Screenshots on Next Page

Main Activity Code:

```
package com.example.androidactivitylifecycle;

import ...

4 usages
public class MainActivity extends AppCompatActivity {
    4 usages
    int threadCounter = 0;

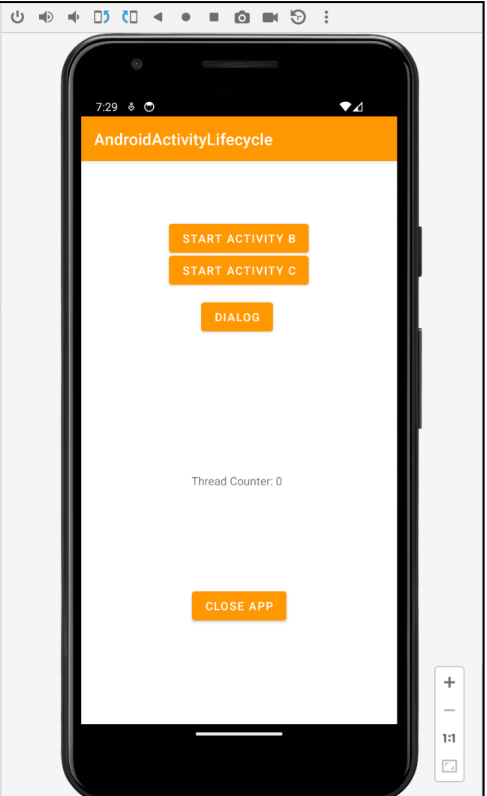
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    1 usage
    @Override
    protected void onRestart() {
        super.onRestart();
        threadCounter += 1;

        TextView threadCounterText = findViewById(R.id.thread_counter_txt);
        threadCounterText.setText("ThreadCounter: " + String.valueOf(threadCounter));
    }

    1 usage
    public void onStartActivityB (View view) {
        threadCounter += 5;
        Intent activityBIntent = new Intent( packageContext: MainActivity.this, ActivityB.class);
        startActivity(activityBIntent);
    }

    1 usage
    public void onStartActivityC (View view) {
```



Activity B Code:

```
1 usage
public void onStartActivityB (View view) {
    threadCounter += 5;
    Intent activityBIntent = new Intent( packageContext: MainActivity.this, ActivityB.class);
    startActivity(activityBIntent);
}
```

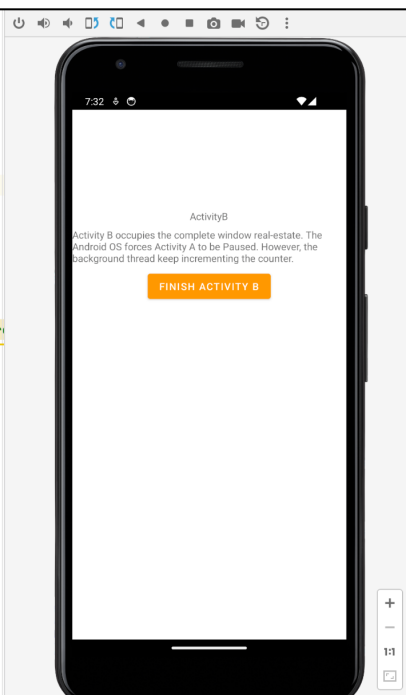
```
package com.example.androidactivitylifecycle;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.TextView;

3 usages
public class ActivityB extends AppCompatActivity {

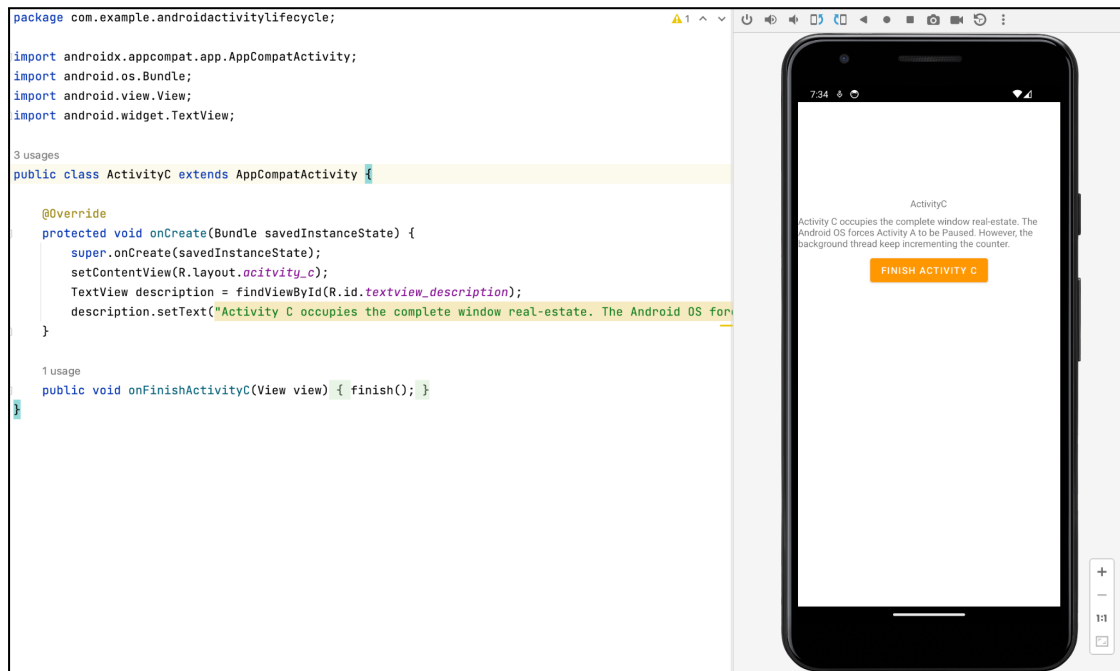
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_b);
        TextView description = findViewById(R.id.textview_description);
        description.setText("Activity B occupies the complete window real-estate. The Android OS for

    1 usage
    public void onFinishActivityB(View view) { finish(); }
```



Activity C code:

```
1 usage
public void onStartActivityC (View view) {
    threadCounter += 10;
    Intent activityCIntent = new Intent( packageContext: MainActivity.this, ActivityC.class);
    startActivity(activityCIntent);
}
```



Dialog Activity Code:

