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1T3C

Link: <https://www.programiz.com/online-compiler/0s9TFdiZ7IPNq>

Code:

```
public class Main {

    public void onCreate() {
        System.out.println("onCreate: Activity is being created");
    }

    public void onStart() {
        System.out.println("onStart: Activity is now visible");
    }

    public void onResume() {
        System.out.println("onResume: Activity is ready to interact");
    }

    public void onPause() {
        System.out.println("onPause: Activity is partially visible");
    }

    public void onStop() {
        System.out.println("onStop: Activity is no longer visible");
    }

    public void onDestroy() {
        System.out.println("onDestroy: Activity is destroyed");
    }

    public static void main(String[] args) {
        Main activity = new Main();

        // Simulating the activity lifecycle
        activity.onCreate();
        activity.onStart();
        activity.onResume();

        // Simulate user leaving the activity
        activity.onPause();
        activity.onStop();
    }
}
```

```

        // Simulate closing the activity
        activity.onDestroy();
    }
}

```

OUTPUT:

Main.java	Output
<pre> 1- public class Main { 2 3- public void onCreate() { 4 System.out.println("onCreate: Activity is being created"); 5 } 6 7- public void onStart() { 8 System.out.println("onStart: Activity is now visible"); 9 } 10 11- public void onResume() { 12 System.out.println("onResume: Activity is ready to interact"); 13 } 14 15- public void onPause() { 16 System.out.println("onPause: Activity is partially visible"); 17 } 18 19- public void onStop() { 20 System.out.println("onStop: Activity is no longer visible"); 21 } 22 23- public void onDestroy() { 24 System.out.println("onDestroy: Activity is destroyed"); 25 } 26 </pre>	<pre> onCreate: Activity is being created onStart: Activity is now visible onResume: Activity is ready to interact onPause: Activity is partially visible onStop: Activity is no longer visible onDestroy: Activity is destroyed === Code Execution Successful === </pre>

<pre> 26 27- public static void main(String[] args) { 28 Main activity = new Main(); 29 30 // Simulating the activity lifecycle 31 activity.onCreate(); 32 activity.onStart(); 33 activity.onResume(); 34 35 // Simulate user leaving the activity 36 activity.onPause(); 37 activity.onStop(); 38 39 // Simulate closing the activity 40 activity.onDestroy(); 41 } 42 } </pre>	
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