

M4-01: Ciclo de vida de una Activity

The screenshot displays the Android Studio IDE with the following components:

- Project Explorer (Left):** Shows the project structure for 'app' under 'com.example.m4_01', including 'manifests', 'java', 'res', and 'Gradle Scripts'.
- Code Editor (Center):** Displays the `MainActivity.java` file. The code defines the lifecycle methods for `MainActivity` (which extends `AppCompatActivity`):

```
public class MainActivity extends AppCompatActivity {  
  
    @Override  
    protected void onStop() {  
        super.onStop();  
        Log.d(TAG, msg: "onStop invoked");  
    }  
  
    @Override  
    protected void onRestart() {  
        super.onRestart();  
        Log.d(TAG, msg: "onRestart invoked");  
    }  
  
    @Override  
    protected void onDestroy() {  
        super.onDestroy();  
        Log.d(TAG, msg: "onDestroy invoked");  
    }  
}
```
- Logcat (Bottom):** Shows the log output for the application. The log indicates that the process started (PID 14315) for package `com.example.m4_01`. The log entries show the following sequence of events:

Time	Process	Package	Method
2025-05-13 21:29:16.208	14315-14315	CicloVida	onCreate invoked
2025-05-13 21:29:16.222	14315-14315	CicloVida	onStart invoked
2025-05-13 21:29:16.224	14315-14315	CicloVida	onResume invoked
2025-05-13 21:29:23.997	14315-14315	CicloVida	onPause invoked
2025-05-13 21:29:24.369	14315-14315	CicloVida	onStop invoked
2025-05-13 21:29:24.373	14315-14315	CicloVida	onDestroy invoked
- Notifications (Bottom Right):** Two notifications are visible: "Install successfully finished in 585 ms." and "IDE project settings can be added to Git".