

M1-03: Arreglos y tiempos de ejecución

The screenshot displays the Android Studio IDE interface. The top toolbar shows various icons for navigation and development. The left sidebar contains the 'Android' view, showing the project structure with folders for 'manifests', 'java', 'res', and 'Gradle Scripts'. The main editor area shows the 'MainActivity.java' file, which contains the following code:

```
<?xml version="1.0" encoding="utf-8"?>
<include layout="@layout/activity_main" />
</xml>

import android.os.Bundle;
import android.util.Log;
import androidx.appcompat.app.AppCompatActivity;
import java.util.Arrays;
import java.util.Random;

public class MainActivity extends AppCompatActivity {
    1 usage
    private static final String TAG = "TiempoOrdenacion";

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

        int size = 1_000_000;
        int[] data = new int[size];
        Random rnd = new Random();
        for (int counter = 0; counter < size; counter++) {
            data[counter] = rnd.nextInt();
        }
    }
}
```

The bottom panel shows the 'Logcat' view, displaying the following log output:

```
----- beginning of main
----- beginning of system
----- PROCESS STARTED (15531) for package com.example.m1_03 -----
2025-05-13 21:34:58.346 15531-15531 TiempoOrdenacion com.example.m1_03 D Tiempo de ordenación: 69 ms
```

The status bar at the bottom indicates the project name 'M1-03', the time '19:35', the layout 'LF', the encoding 'UTF-8', and the indentation '4 spaces'.