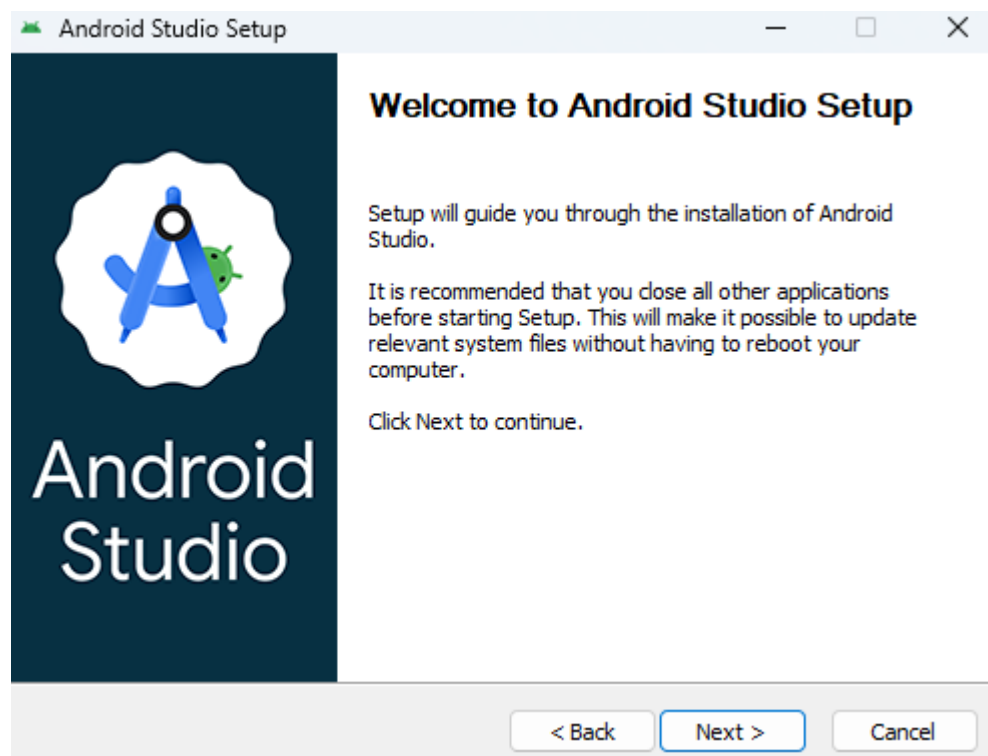
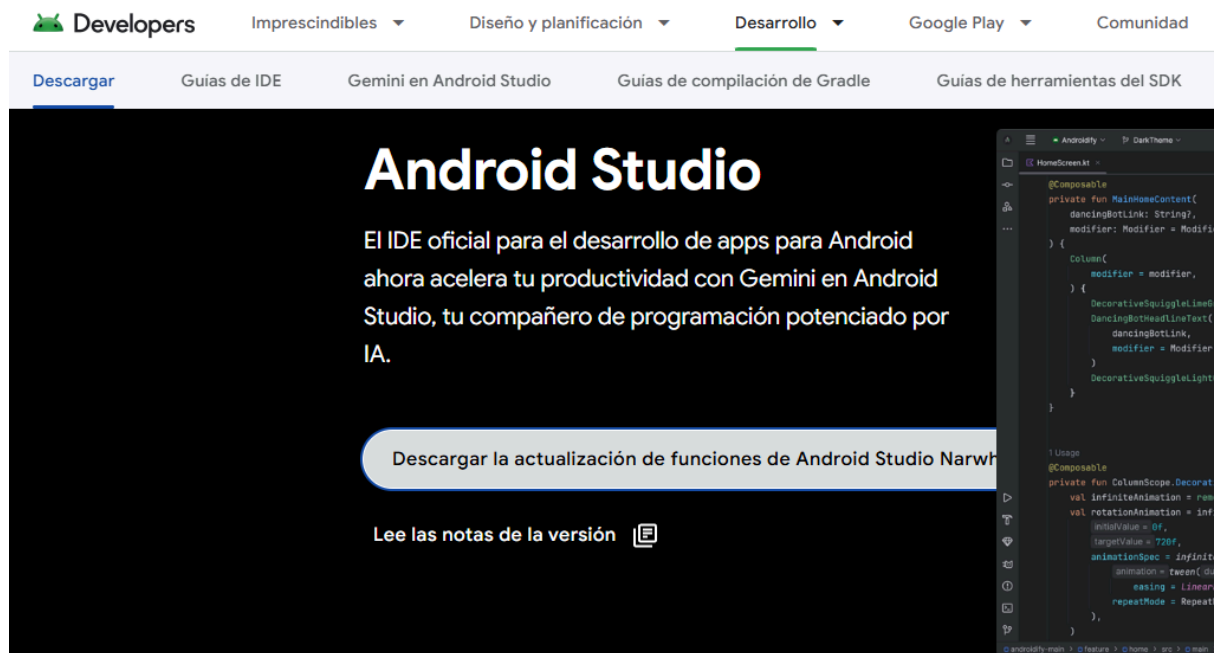
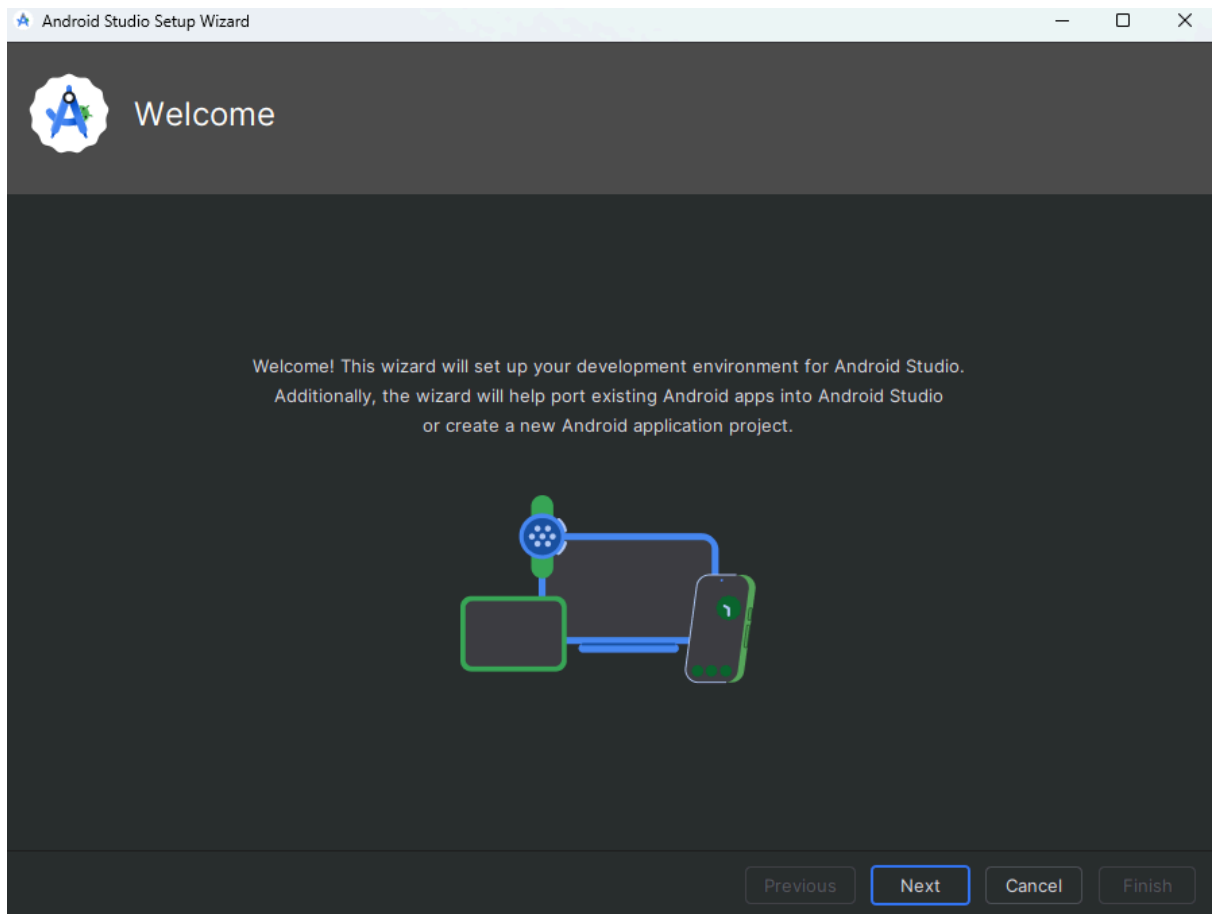


Yoël Gómez Benítez - 2º DAW

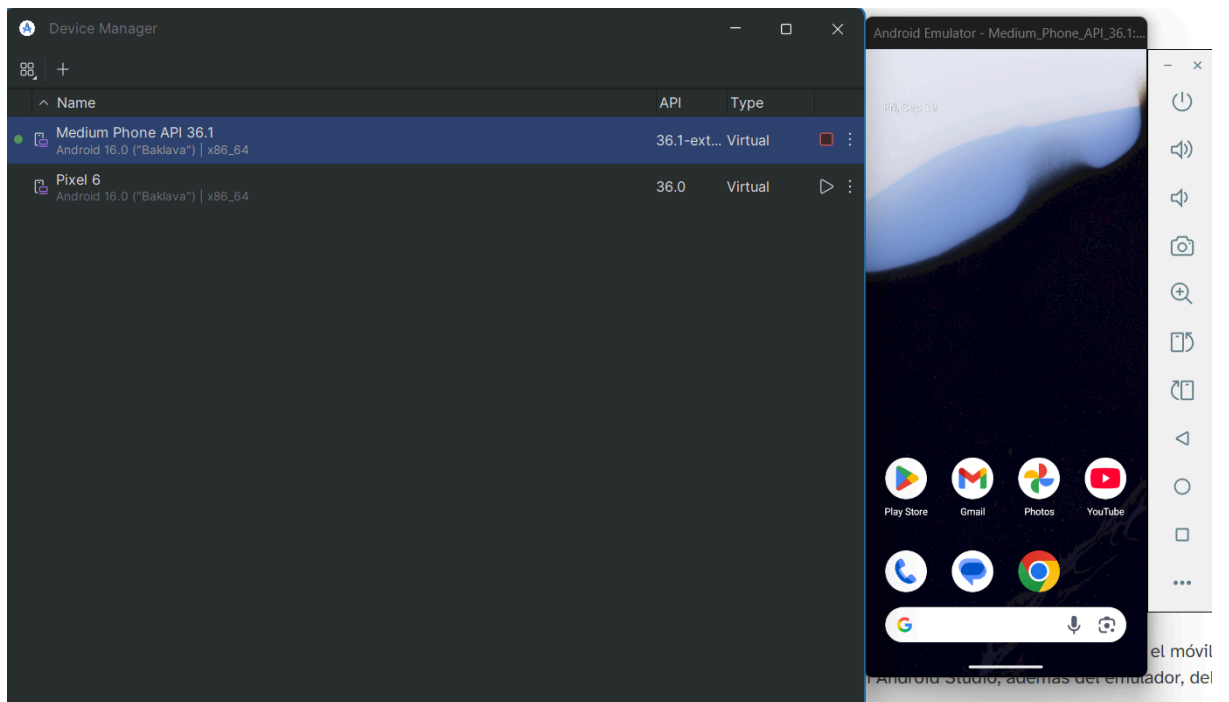
Reto avanzado - Ejecución en Emulador y Dispositivo Físico

1. Parte 1: Instalar Android Studio





2. Parte 2: Crear un Emulador de Android (AVD)



3. Parte 3: Preparar el Proyecto Ionic para Android

- Añade la plataforma Android: Este comando crea una carpeta android en tu proyecto.

```
C:\windows\system32\cmd.exe x + v
C:\Users\yoyi\mi-app-tabs>ionic capacitor add android
> npm.cmd i -E @capacitor/android@7.4.3

added 1 package, and audited 1236 packages in 3s

257 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
> capacitor.cmd add android
[capacitor] ✓ Adding native android project in android in 65.85ms
[capacitor] ✓ add in 66.44ms
[capacitor] [warn] sync could not run--missing www directory.
[capacitor] [success] android platform added!
[capacitor] Follow the Developer Workflow guide to get building:
[capacitor] https://capacitorjs.com/docs/basics/workflow

C:\Users\yoyi\mi-app-tabs>
```

- Construye tu app web: Esto empaqueta tu código web para producción.

```
C:\windows\system32\cmd.exe x + v
C:\Users\yoyi\mi-app-tabs>ionic build
> ng.cmd run app:build

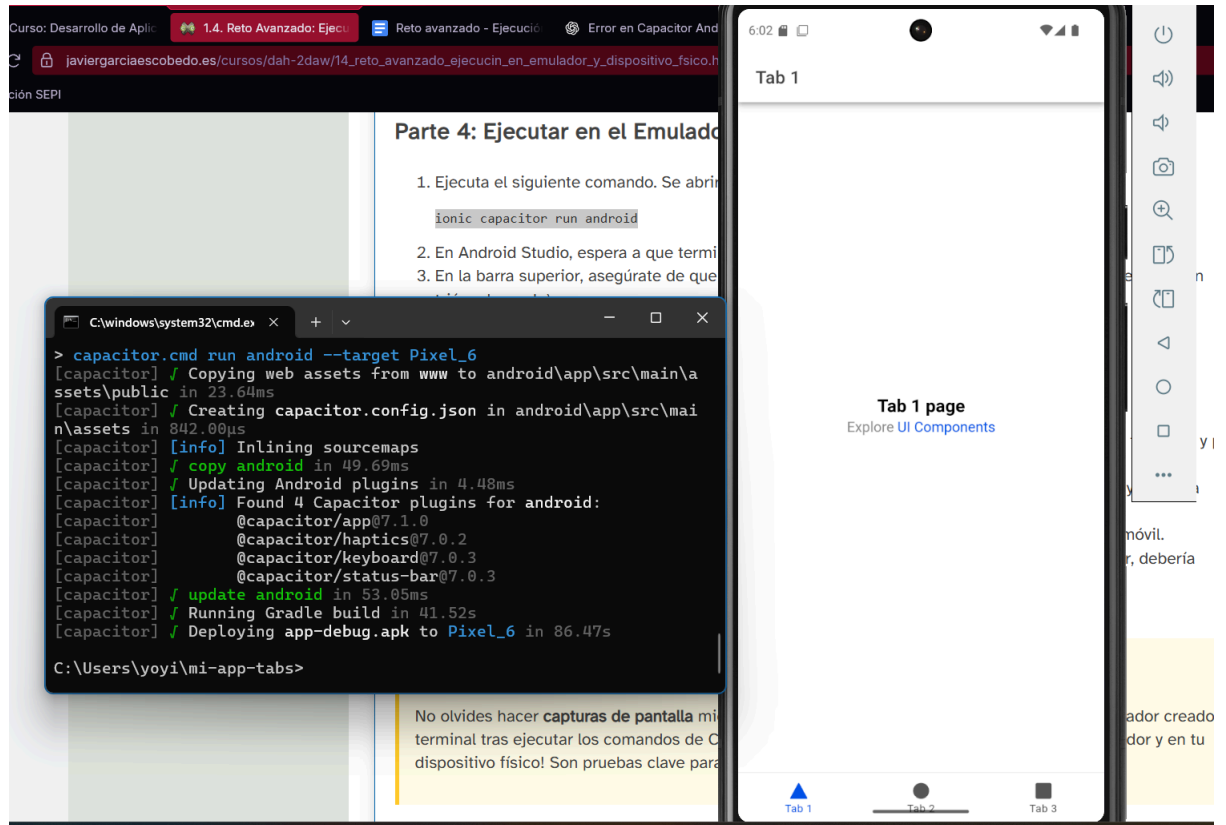
Would you like to share pseudonymous usage data about this project
with the Angular Team
at Google under Google's Privacy Policy at
https://policies.google.com/privacy. For more
details and how to change this setting, see
https://angular.dev/cli/analytics.

No
Global setting: not set
Local setting: disabled
Effective status: disabled
Initial chunk files | Names | Raw size | Estimate
d transfer size
chunk-DHZERR6W.js | - | 396.47 kB |
```

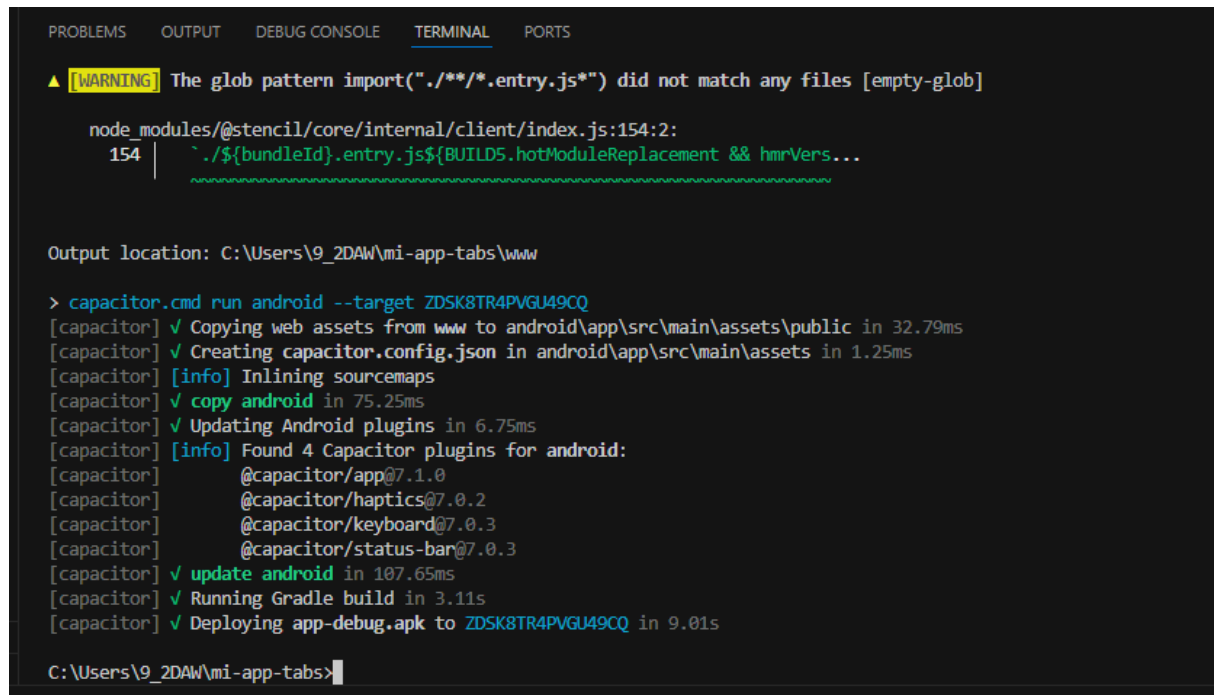
- Sincroniza con Capacitor: Este comando copia tu código web dentro del proyecto nativo de Android.

```
C:\windows\system32\cmd.exe x + v
C:\Users\yoyi\mi-app-tabs>npx cap sync
\ Copying web assets from www to android\app\src\main\assets\public
✓ Copying web assets from www to android\app\src\main\assets\public
in 18.23ms
✓ Creating capacitor.config.json in android\app\src\main\assets in
1.07ms
✓ copy android in 39.39ms
✓ Updating Android plugins in 4.80ms
[info] Found 4 Capacitor plugins for android:
  @capacitor/app@7.1.0
  @capacitor/haptics@7.0.2
  @capacitor/keyboard@7.0.3
  @capacitor/status-bar@7.0.3
✓ update android in 54.20ms
✓ copy web in 10.77ms
✓ update web in 12.88ms
[info] Sync finished in 0.17s
```

Parte 4: Ejecutar en el Emulador



Parte 5: Ejecutar en el dispositivo físico



10:03



App de yoyi

Tab 1 page

Explore [UI Components](#)



Tab 1



Tab 2



Tab 3