**Gradle File Structure (Simple Notes)**

**Main Files**

* **settings.gradle** → Defines project name and included modules.
* **build.gradle** → Main build script (each module can have its own).
* **gradle.properties** → Stores project-wide settings (like versions, memory).
* **gradlew / gradlew.bat** → Wrapper scripts to run Gradle without installing it globally.
* **gradle/wrapper/gradle-wrapper.properties** → Defines Gradle version used by the wrapper.

**Directory Layout**

MyApp/

├── app/ → Module with its own build.gradle

│ └── src/

│ ├── main/ → Main code and resources

│ └── test/ → Test code

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├── library/ → Example library module

│ └── build.gradle

│

├── build.gradle → Root build script

├── settings.gradle → Project + modules info

├── gradle.properties → Project settings

├── gradlew / gradlew.bat → Gradle wrapper scripts

└── gradle/ → Wrapper config

**✅ In short**

* **settings.gradle** → Defines modules.
* **build.gradle** → Instructions for building.
* **gradle.properties** → Reusable project settings.
* **gradlew** → Consistent Gradle version.
* **src/** → Your code and resources.