

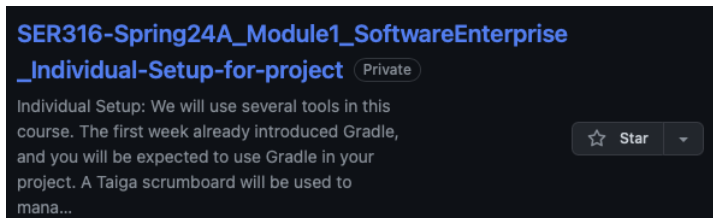
# SER316 Software Enterprise: Individual setup - Spring 2024, Session A

---

## Individual Setup for Project

### Task 1: Running Memoranda

Create a document, with any reasonable name, in which you will add some screenshots and information.



[https://github.com/fabianzelaya/SER316-Spring24A\\_Module1\\_SoftwareEnterprise\\_Individual-Setup-for-project.git](https://github.com/fabianzelaya/SER316-Spring24A_Module1_SoftwareEnterprise_Individual-Setup-for-project.git)

Create a new branch with your asurite as name (eg. for me this would be amehlhas). I will protect the master branch so you cannot commit and break something on the remote repo. You will only work on this branch for this assessment!

A screenshot of a terminal window with a dark background. The terminal shows the following commands and output:

```
fabianzelaya@Eng-Zelayas-MBP SER316-Spring24A_Module1_SoftwareEnterprise_Individual-Setup-for-project % git branch
* main
fabianzelaya@Eng-Zelayas-MBP SER316-Spring24A_Module1_SoftwareEnterprise_Individual-Setup-for-project % git branch -c fazelaya
fabianzelaya@Eng-Zelayas-MBP SER316-Spring24A_Module1_SoftwareEnterprise_Individual-Setup-for-project % git branch
* main
fabianzelaya@Eng-Zelayas-MBP SER316-Spring24A_Module1_SoftwareEnterprise_Individual-Setup-for-project % git checkout fazelaya
Switched to branch 'fazelaya'
Your branch is up to date with 'origin/main'.
fabianzelaya@Eng-Zelayas-MBP SER316-Spring24A_Module1_SoftwareEnterprise_Individual-Setup-for-project % git branch
* fazelaya
main
fabianzelaya@Eng-Zelayas-MBP SER316-Spring24A_Module1_SoftwareEnterprise_Individual-Setup-for-project %
```

The terminal window has a sidebar on the left with 'Structure' and 'Bookmarks' sections. At the bottom, there is a status bar showing 'aiXcoder requires logging... (21 minutes ago)', '1:1 LF UTF-8 4 spaces', 'fazelaya', and 'GitHub Dark (Material)'.

Branches

New branch

Overview

Yours

Active

Stale

All

Q Search branches...

Default

Branch	Updated	Check status	Behind	Ahead	Pull request
main	1 minute ago			Default	...

Your branches

Branch	Updated	Check status	Behind	Ahead	Pull request
fazelaya	2 minutes ago		0	0	...
ser316zungenbrecher	14 hours ago		1	0	...

Active branches

Branch	Updated	Check status	Behind	Ahead	Pull request
fazelaya	2 minutes ago		0	0	...
ser316zungenbrecher	14 hours ago		1	0	...

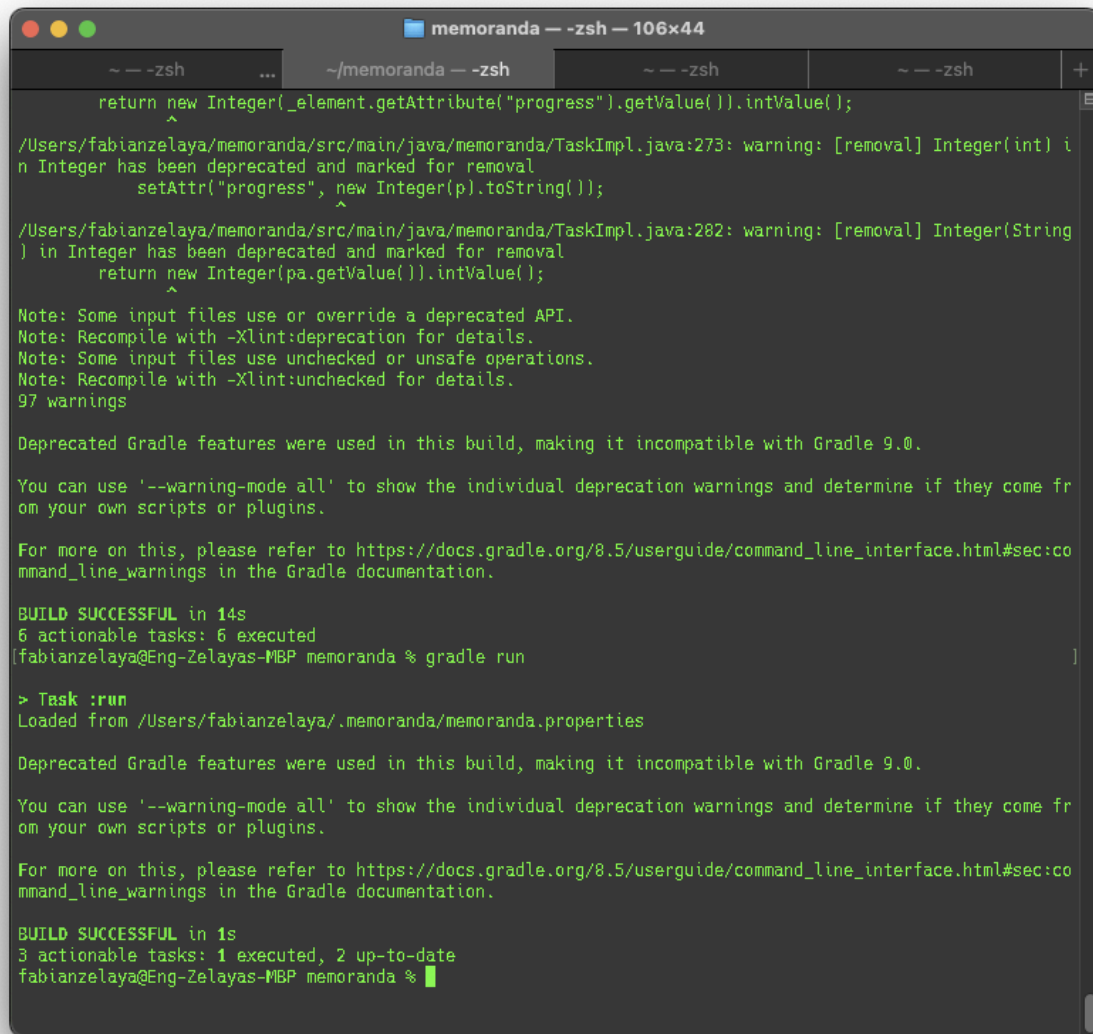
Switch to this branch on your local repo. Run the software.

Now make three changes that you think make sense for the software. These can be UI fixes, bug fixes anything that you think makes sense for the project and commit each of them separately. Any change is ok; it does not have to be something big but should be something that makes things a little better (do not just add comments though, it should alter the code).

In your document include a screenshot of how the change shows up in Memoranda, a screenshot of the code where you made the change (highlight the code) and explain briefly what you changed. So you would end up with 3 different screenshots and explanations.

Push your changes to GitHub to your branch. Check on GitHub if your branch was correctly created and includes your changes.

## Task 2: Using Gradle to build your project



```
return new Integer(_element.getAttribute("progress").getValue()).intValue();
^
/Users/fabianzelaya/memoranda/src/main/java/memoranda/TaskImpl.java:273: warning: [removal] Integer(int) in
Integer has been deprecated and marked for removal
    setAttr("progress", new Integer(p).toString());
                        ^
/Users/fabianzelaya/memoranda/src/main/java/memoranda/TaskImpl.java:282: warning: [removal] Integer(String
) in Integer has been deprecated and marked for removal
    return new Integer(pa.getValue()).intValue();
           ^
Note: Some input files use or override a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
Note: Some input files use unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.
97 warnings

Deprecated Gradle features were used in this build, making it incompatible with Gradle 9.0.

You can use '--warning-mode all' to show the individual deprecation warnings and determine if they come fr
om your own scripts or plugins.

For more on this, please refer to https://docs.gradle.org/8.5/userguide/command_line_interface.html#sec:co
mmand_line_warnings in the Gradle documentation.

BUILD SUCCESSFUL in 14s
6 actionable tasks: 6 executed
(fabianzelaya@Eng-Zelayas-MBP memoranda % gradle run

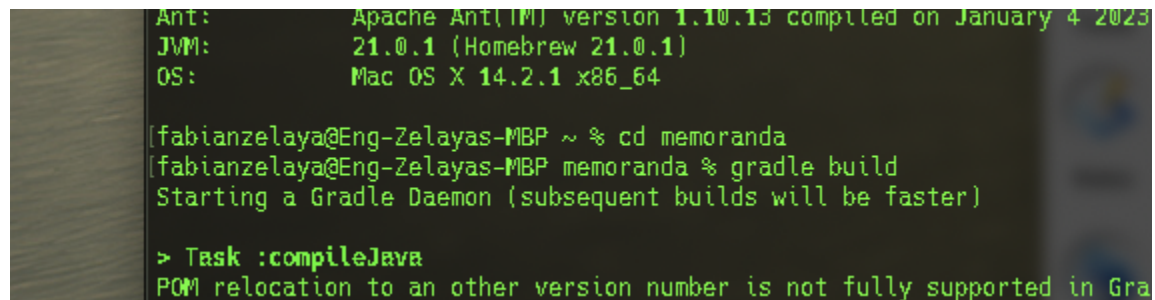
> Task :run
Loaded from /Users/fabianzelaya/.memoranda/memoranda.properties

Deprecated Gradle features were used in this build, making it incompatible with Gradle 9.0.

You can use '--warning-mode all' to show the individual deprecation warnings and determine if they come fr
om your own scripts or plugins.

For more on this, please refer to https://docs.gradle.org/8.5/userguide/command_line_interface.html#sec:co
mmand_line_warnings in the Gradle documentation.

BUILD SUCCESSFUL in 1s
3 actionable tasks: 1 executed, 2 up-to-date
fabianzelaya@Eng-Zelayas-MBP memoranda %
```



```
Ant:      Apache Ant(TM) version 1.10.13 compiled on January 4 2023
JVM:      21.0.1 (Homebrew 21.0.1)
OS:       Mac OS X 14.2.1 x86_64

(fabianzelaya@Eng-Zelayas-MBP ~ % cd memoranda
fabianzelaya@Eng-Zelayas-MBP memoranda % gradle build
Starting a Gradle Daemon (subsequent builds will be faster)

> Task :compileJava
POM relocation to an other version number is not fully supported in Gra
```

```
fabianzelaya — -zsh — 106x38
~ — -zsh  ...  ~ — -zsh  ~ — -zsh  ~ — -zsh  +
/usr/local/include/SFML/Window/WindowStyle.hpp
/usr/local/include/SFML/Window.hpp
/usr/local/lib/libsfml-audio.dylib -> /usr/local/lib/libsfml-audio.2.5.dylib
/usr/local/lib/libsfml-graphics.dylib -> /usr/local/lib/libsfml-graphics.2.5.dylib
/usr/local/lib/libsfml-network.dylib -> /usr/local/lib/libsfml-network.2.5.dylib
/usr/local/lib/libsfml-window.dylib -> /usr/local/lib/libsfml-window.2.5.dylib
==> Summary
📦 /usr/local/Cellar/sfml/2.6.1: 812 files, 12.6MB
==> Running `brew cleanup sfml`...
Removing: /usr/local/Cellar/sfml/2.5.1_1... (625 files, 9.7MB)
==> Checking for dependents of upgraded formulae...
==> No broken dependents found!
fabianzelaya@Eng-Zelayas-MBP ~ % gradle -v

Welcome to Gradle 8.5!

Here are the highlights of this release:
- Support for running on Java 21
- Faster first use with Kotlin DSL
- Improved error and warning messages

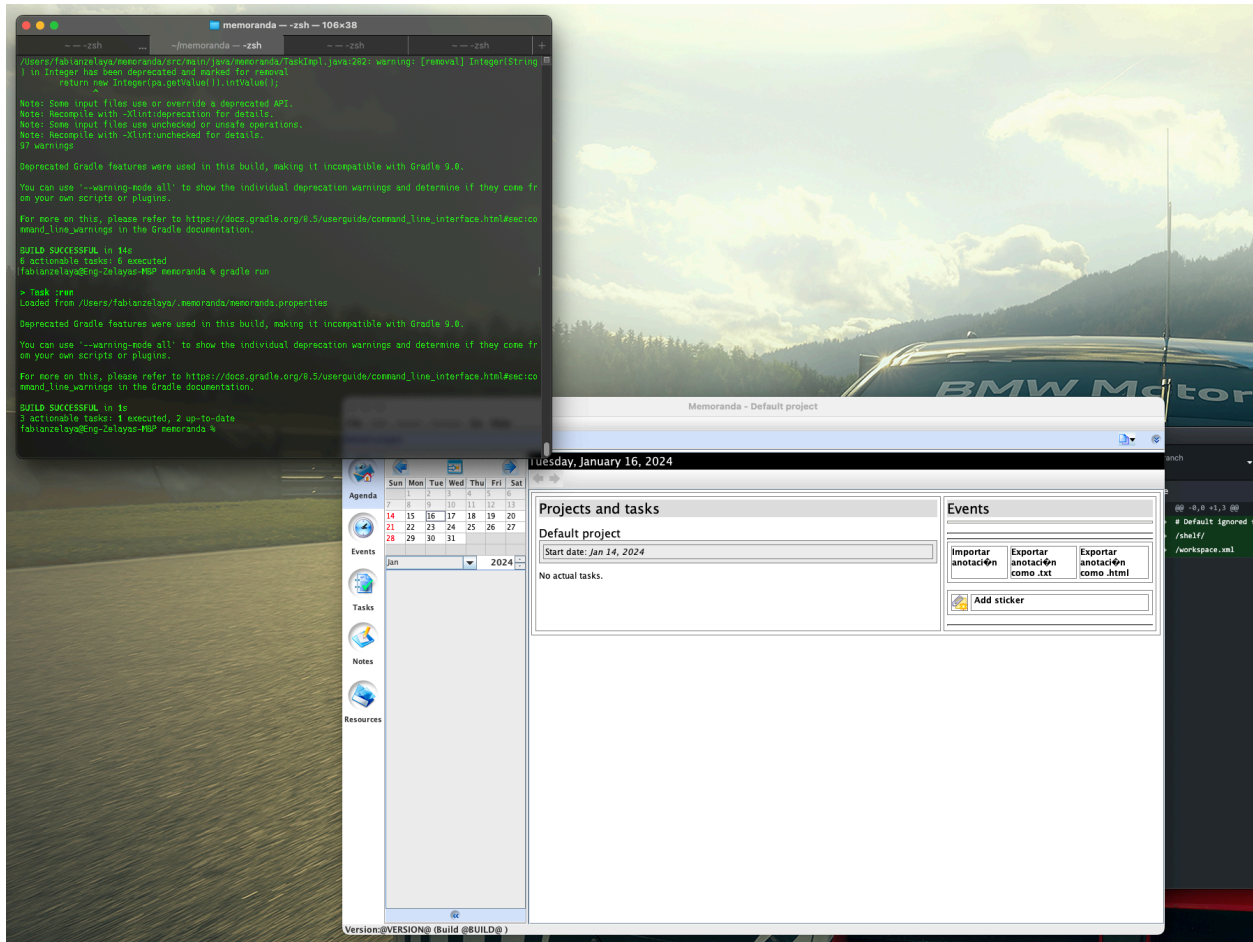
For more details see https://docs.gradle.org/8.5/release-notes.html

-----
Gradle 8.5
-----

Build time:    2023-11-29 14:08:57 UTC
Revision:     28aca86a7180baa17117e0e5ba01d8ea9feca598

Kotlin:       1.9.20
Groovy:       3.0.17
Ant:          Apache Ant(TM) version 1.10.13 compiled on January 4 2023
JVM:          21.0.1 (Homebrew 21.0.1)
OS:           Mac OS X 14.2.1 x86_64

fabianzelaya@Eng-Zelayas-MBP ~ %
```



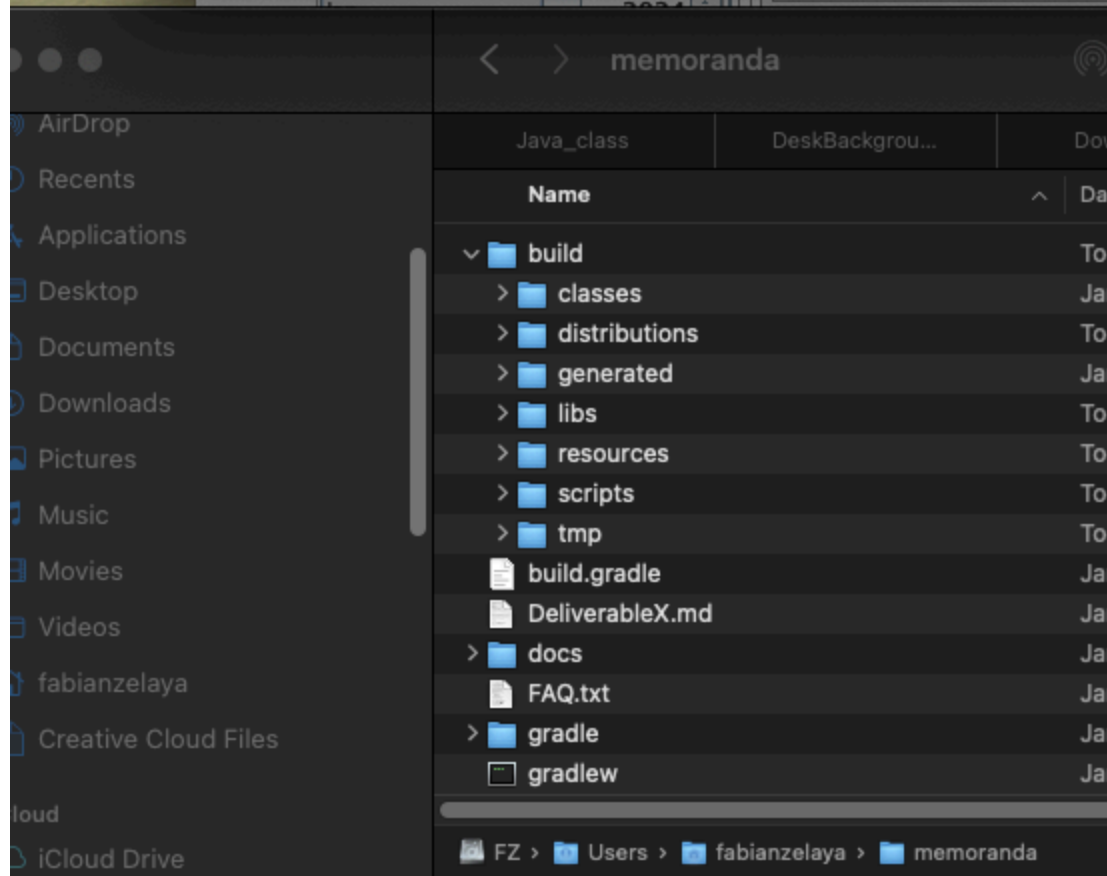
on your own scripts or plugins.

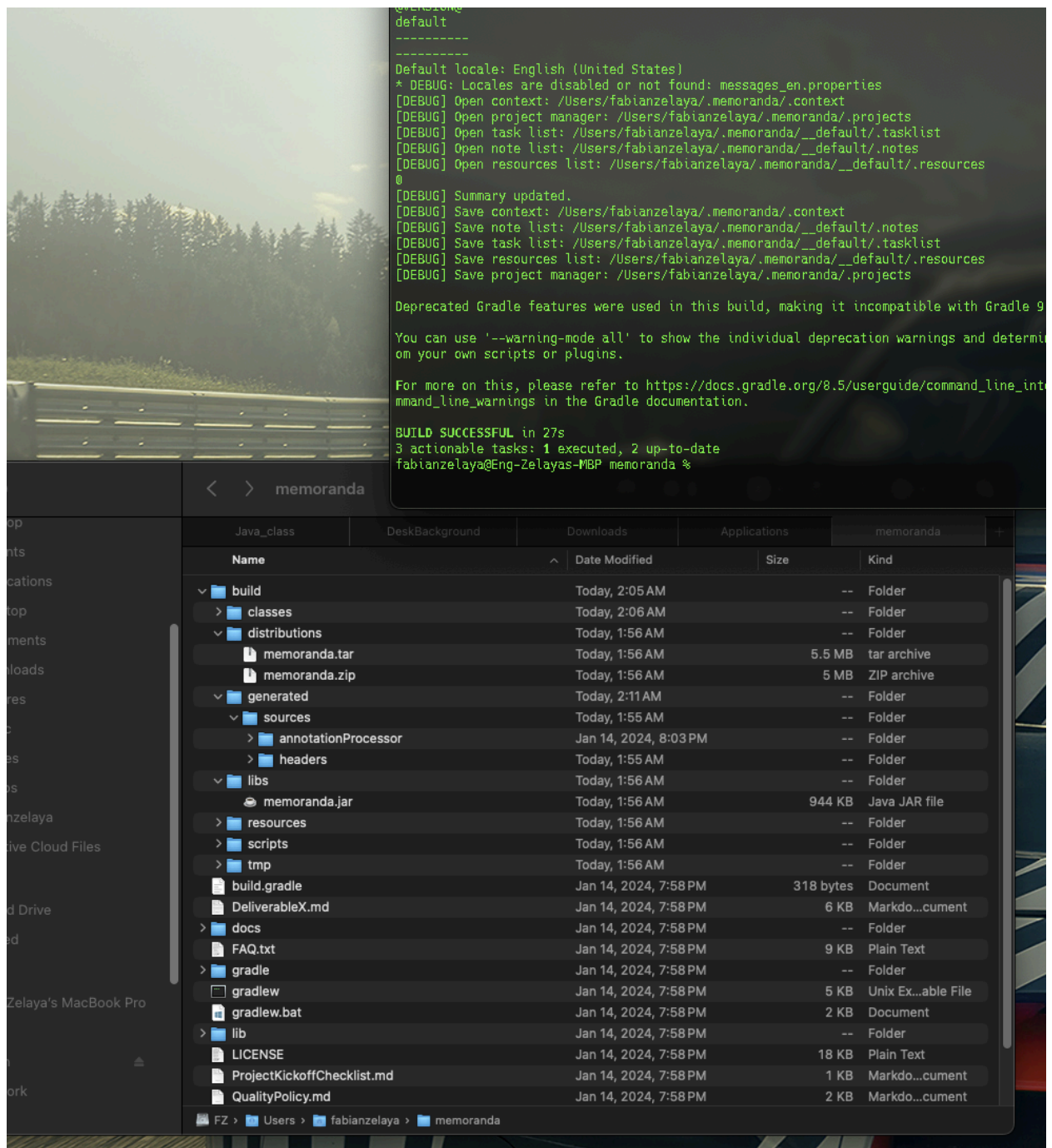
For more on this, please refer to [https://docs.gradle.org/8.5/userguide/mmand\\_line\\_warnings](https://docs.gradle.org/8.5/userguide/mmand_line_warnings) in the Gradle documentation.

**BUILD SUCCESSFUL** in 1s

3 actionable tasks: 1 executed, 2 up-to-date

fabianzelaya@Eng-Zelayas-MBP memoranda %





## Task 2.2