

Minor Issue Apps

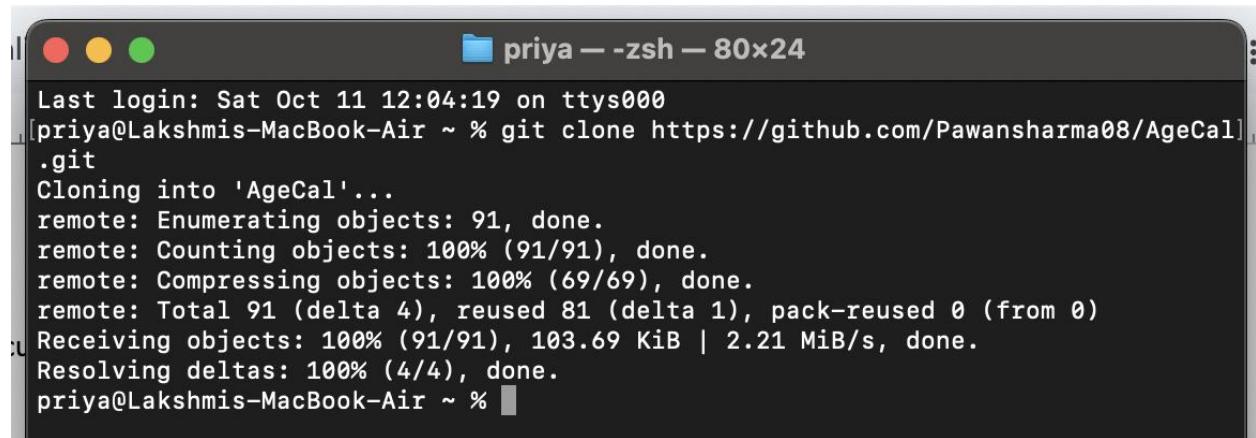
More examples can be found in our artifact:

https://drive.google.com/file/d/17UAWrJkfQal_rkepJNHZthRMxOeYhRxN/view?usp=sharing

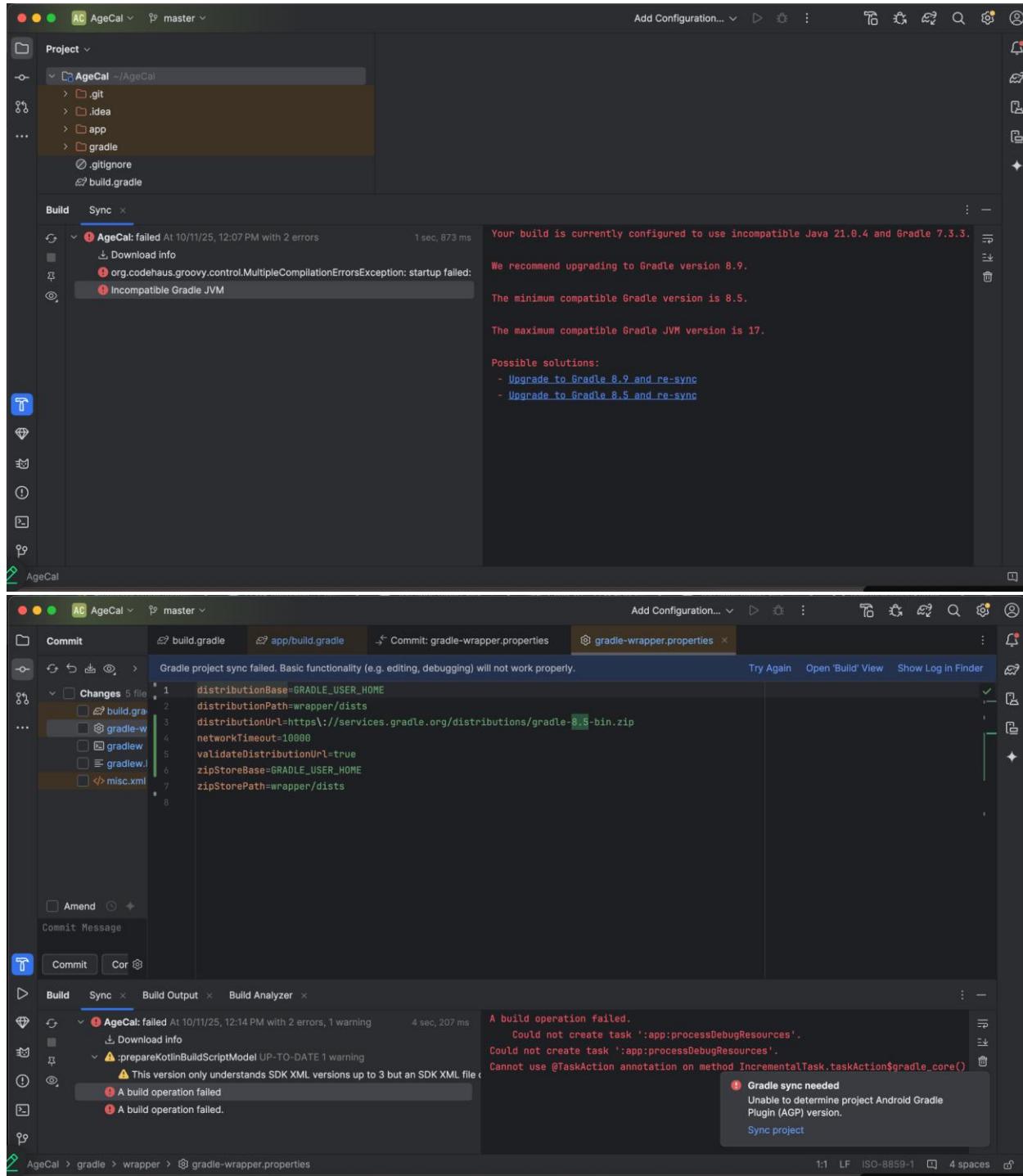
6 - Age Calculator

6 - Age Calculator :

<https://github.com/Pawansharma08/AgeCal/tree/f289770d9e07dccfeb7a2a9790a43fa8f87ab77f>



```
Last login: Sat Oct 11 12:04:19 on ttys000
[priya@Lakshmis-MacBook-Air ~ % git clone https://github.com/Pawansharma08/AgeCal]
.git
Cloning into 'AgeCal'...
remote: Enumerating objects: 91, done.
remote: Counting objects: 100% (91/91), done.
remote: Compressing objects: 100% (69/69), done.
remote: Total 91 (delta 4), reused 81 (delta 1), pack-reused 0 (from 0)
Receiving objects: 100% (91/91), 103.69 KiB | 2.21 MiB/s, done.
Resolving deltas: 100% (4/4), done.
priya@Lakshmis-MacBook-Air ~ %
```



AgeCal master

Commit build.gradle app/build.gradle gradle-wrapper.properties

Gradle project sync failed. Basic functionality (e.g. editing, debugging) will not work properly.

```
// Top-level build file where you can add configuration options common to all sub-projects/modules.
pluginManagement {
    repositories {
        google()
        mavenCentral()
        gradlePluginPortal()
    }
}

plugins {
    id 'com.android.application' version '7.2.2' apply false
    id 'com.android.library' version '7.2.2' apply false
    id 'org.jetbrains.kotlin.android' version '1.7.10' apply false
}

// build.gradle (Project)
buildscript {
    dependencies {
        classpath "com.android.tools.build:gradle:8.5.0"
    }
}
```

Amend Commit Message Commit Cor

Build Sync Build Output Build Analyzer

AgeCal failed At 10/11/25, 12:14PM with 2 errors, 1 warning 4 sec, 207 ms

- Download info
- prepareKotlinBuildScriptModel UP-TO-DATE 1 warning

This version only understands SDK XML versions up to 3 but an SDK XML file

A build operation failed.
Could not create task ':app:processDebugResources'.
Could not create task ':app:processDebugManifest'.
Cannot use @TaskAction annotation on method

Grade sync needed
Unable to determine project Android Gradle Plugin (AGP) version.
Sync project

AgeCal master

Project build.gradle settings.gradle app/build.gradle gradle-wrapper.properties

Gradle project sync failed. Basic functionality (e.g. editing, debugging) will not work properly.

```
buildscript {
}
plugins {
    id 'com.android.application' version '7.2.2' apply false
}
```

Build Sync Build Output Build Analyzer

AgeCal failed At 10/11/25, 12:20 PM with 1 error 8 sec, 658 ms

- Download info

Gradle Sync issues

Minimum supported Gradle version is 8.7. Current version is 8.5.
Please fix the project's Gradle settings.
Change Gradle version in Gradle wrapper to 8.7 and re-import project
Open Gradle wrapper properties
Gradle Settings.

AgeCal build.gradle

The screenshot shows two instances of the Android Studio interface. The top instance displays the 'gradle-wrapper.properties' file with the following content:

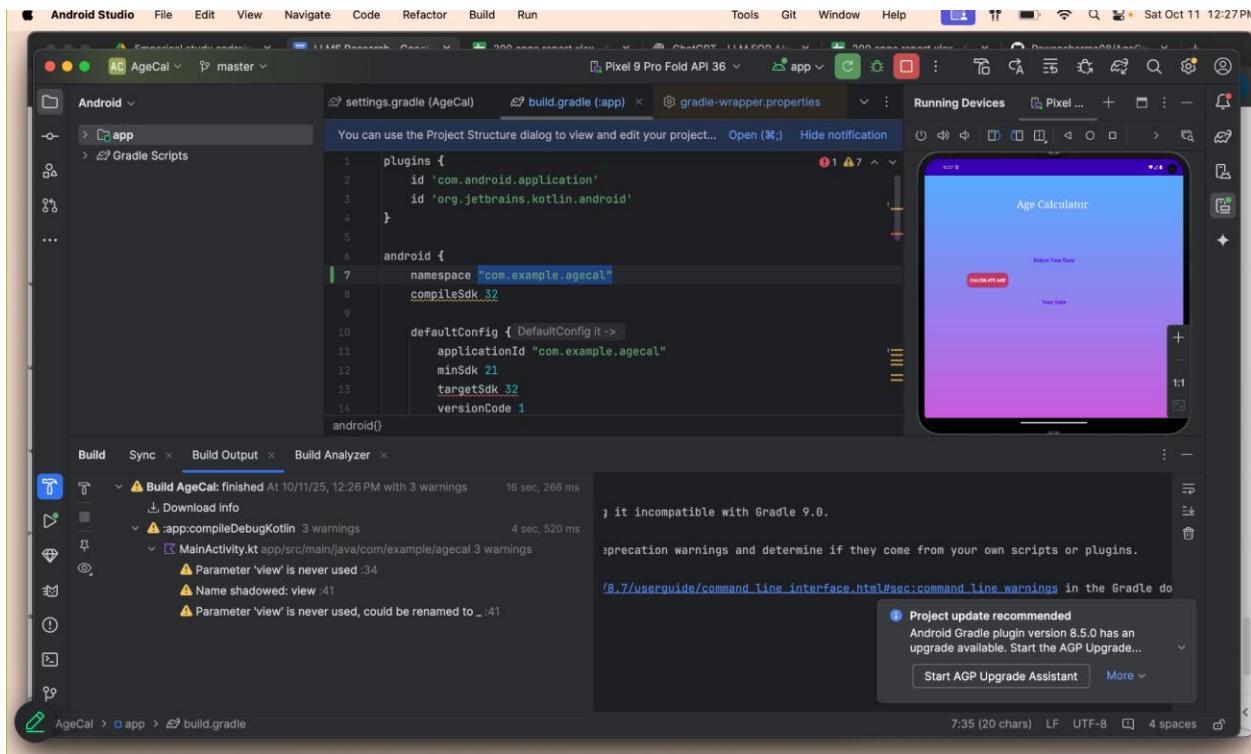
```
distributionBase=GRADLE_USER_HOME
distributionPath=wrapper/dists
distributionUrl=https://services.gradle.org/distributions/gradle-8.7-all.zip
networkTimeout=10000
validateDistributionUrl=true
zipStoreBase=GRADLE_USER_HOME
zipStorePath=wrapper/dists
```

The bottom instance shows the build log and error details. The build log indicates the download of the kotlin-gradle-plugin. The error details show a 'Build AgeCal: failed' at 10/11/25, 12:25 PM with 2 errors:

- Namespace not specified. Specify a namespace in the module's build file: /Users/priyanshu/AndroidStudioProjects/AgeCal/app/build.gradle
- If you've specified the package attribute in the source AndroidManifest.xml, you can

A project update recommendation is shown in a tooltip: 'Project update recommended. Android Gradle plugin version 8.5.0 has an upgrade available. Start the AGP Upgrade...'.

Complied Successfully



Running Successfully

Chat GPT link :

<https://chatgpt.com/share/68ea85a5-7990-8009-bcff-26ee4a5b8248>

Major Issue Apps

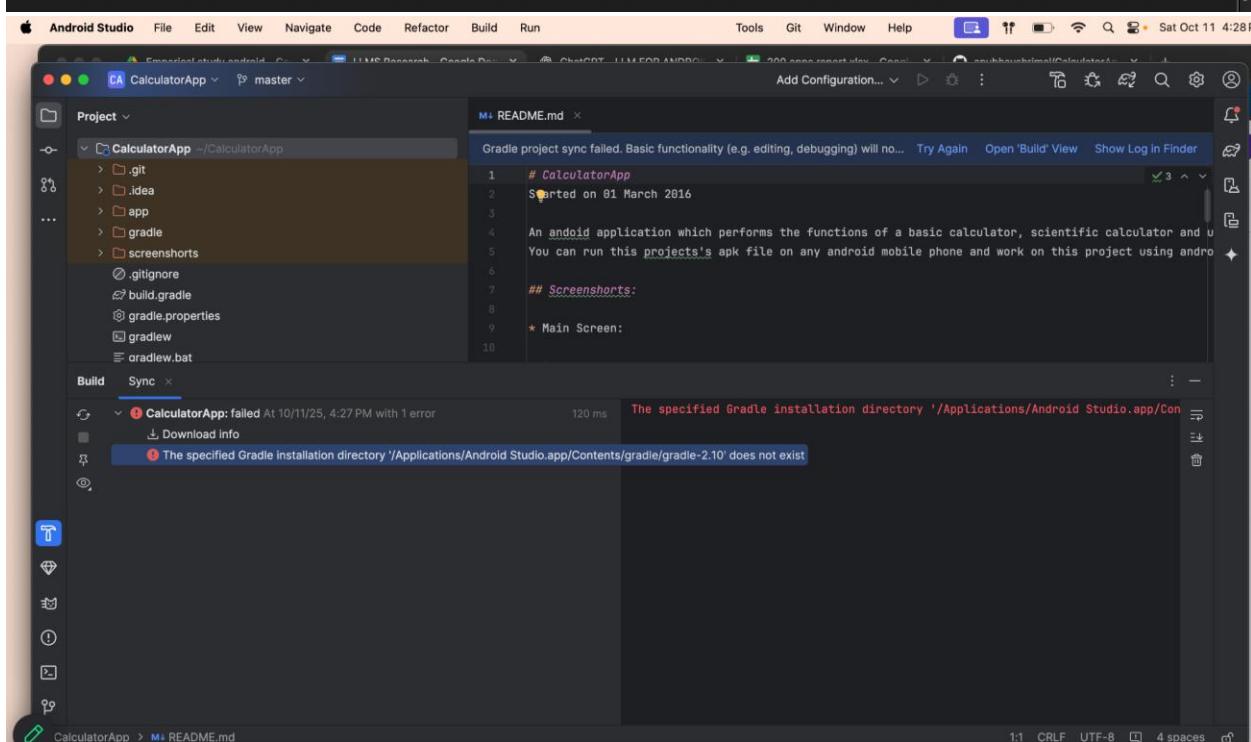
24 – CalculatorApp

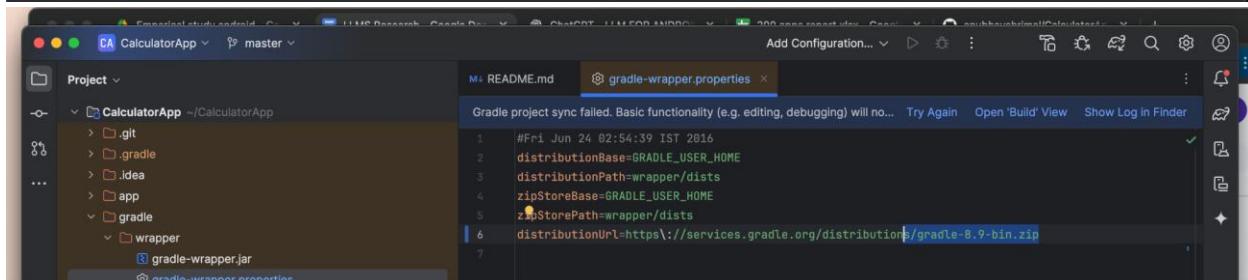
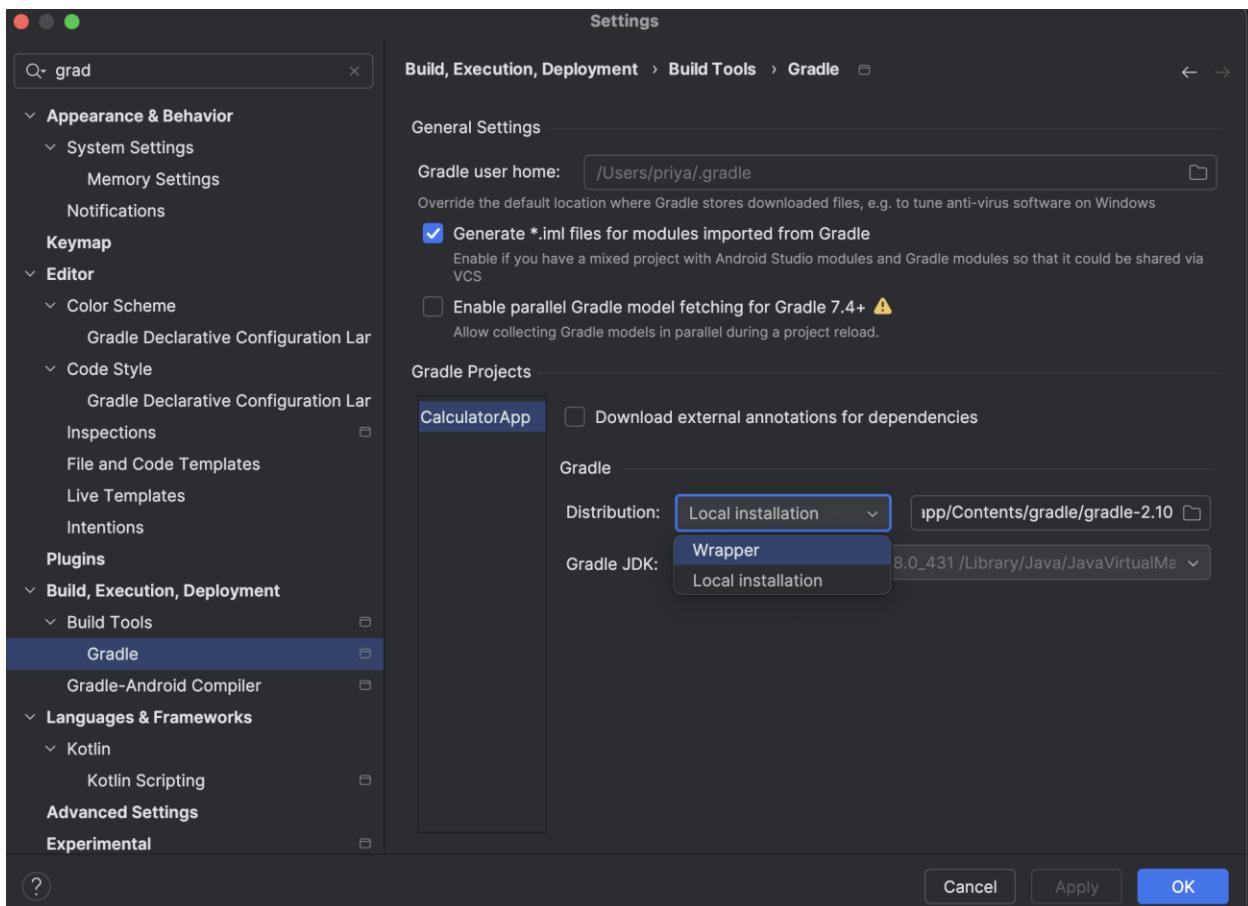
Major issue

24 - CalculatorApp

<https://github.com/anubhavshrimal/CalculatorApp/tree/b36c1ccc4602e8c260253c35cecf1921df73baa6>

```
 priya — zsh — 80x24
Last login: Sat Oct 11 16:18:24 on ttys000
[priya@Lakshmis-MacBook-Air ~ % git clone https://github.com/anubhavshrimal/CalculatorApp.git
Cloning into 'CalculatorApp'...
remote: Enumerating objects: 530, done.
remote: Total 530 (delta 0), reused 0 (delta 0), pack-reused 530 (from 1)
Receiving objects: 100% (530/530), 514.45 KiB | 2.08 MiB/s, done.
Resolving deltas: 100% (258/258), done.
priya@Lakshmis-MacBook-Air ~ %
```





The screenshot shows the Android Studio interface with the project 'CalculatorApp' open. The 'gradle-wrapper.properties' file is selected in the project tree. The status bar at the top indicates a 'Gradle project sync failed'. The 'Sync' tab in the bottom-left shows a red error icon next to 'CalculatorApp: failed At 10/11/25, 4:32 PM with 1 error'. A tooltip provides details about the sync issue, mentioning that Gradle's dependency cache may be corrupt and suggesting to re-download dependencies and sync the project.

gradle-wrapper.properties

```
1 #Fri Jun 24 02:54:39 IST 2016
2 distributionBase=GRADLE_USER_HOME
3 distributionPath=wrapper/dists
4 zipStoreBase=GRADLE_USER_HOME
5 zipStorePath=wrapper/dists
6 distributionUrl=https://services.gradle.org/distributions/gradle-8.9-bin.zip
```

Sync

CalculatorApp: failed At 10/11/25, 4:32 PM with 1 error

Gradle Sync Issues

Unable to find method 'org.gradle.api.internal.DefaultDomainObjectSet.<init>(Ljava/lang/Class;)V'

Gradle's dependency cache may be corrupt (this sometimes occurs after a network c

Re-download dependencies and sync project (requires network)

The state of a Gradle build process (daemon) may be corrupt. Stopping all Gradle

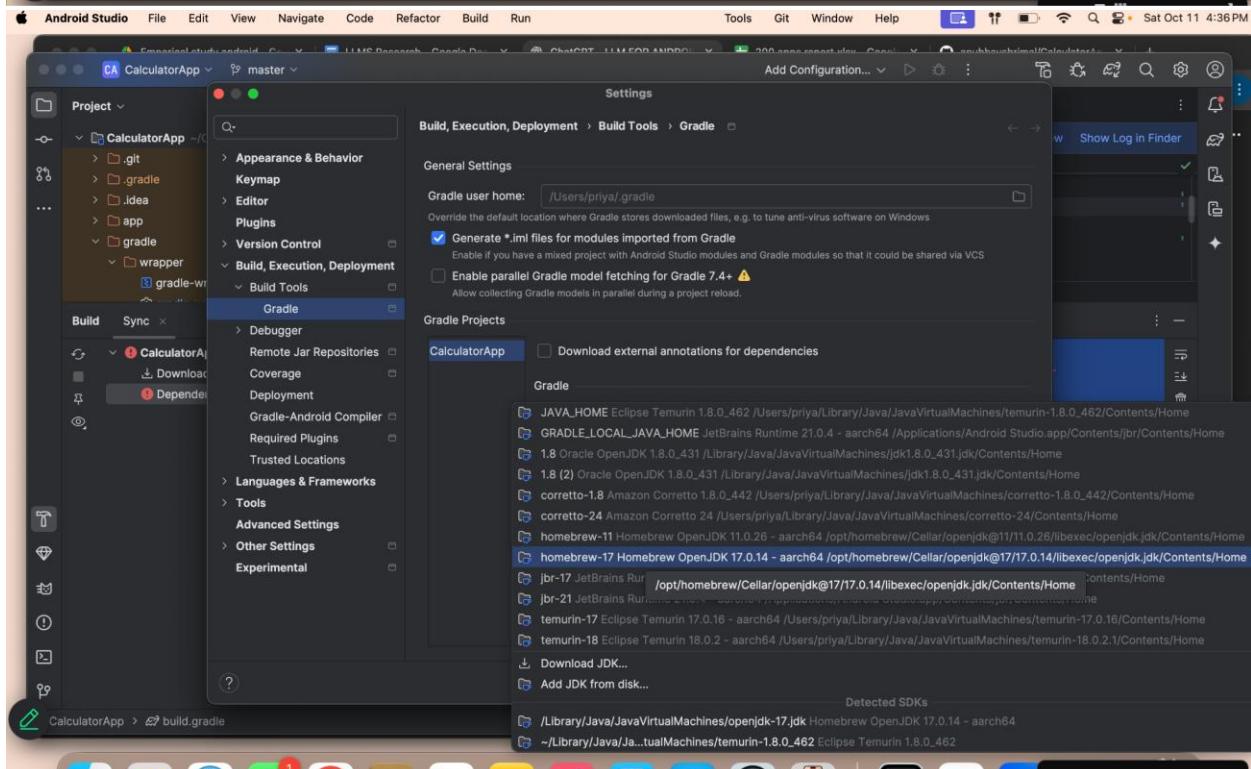
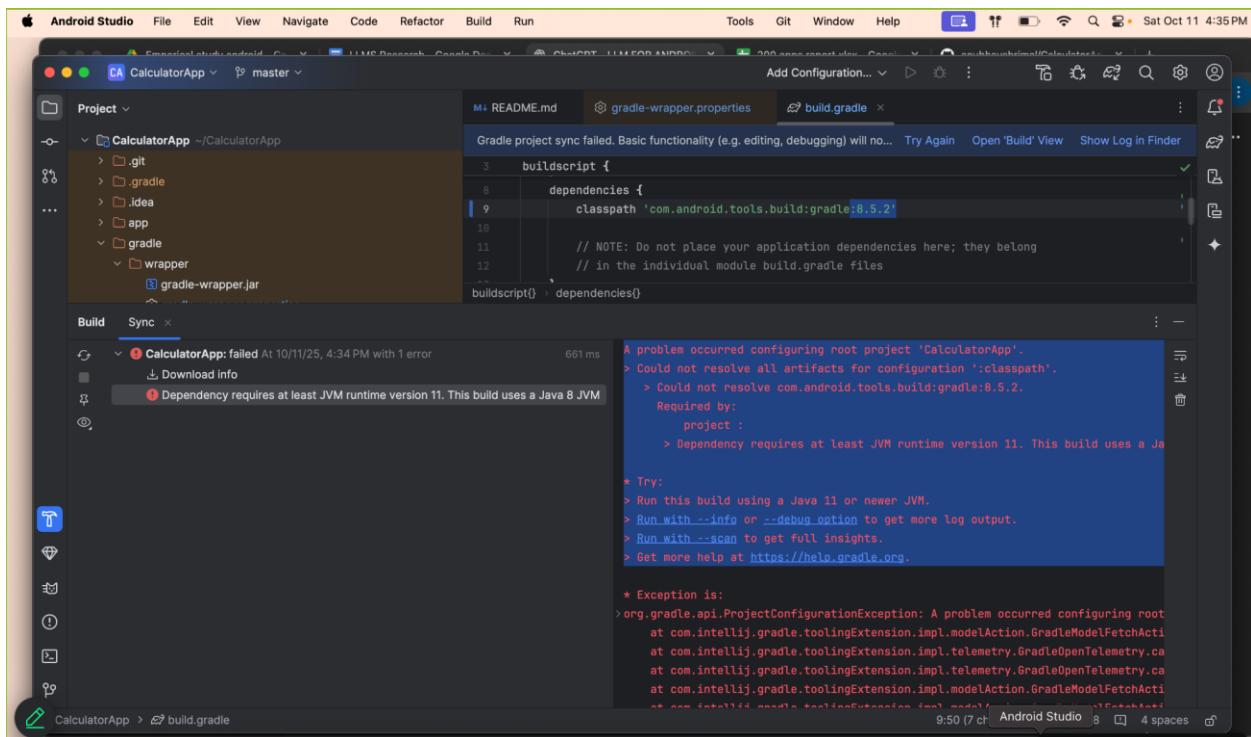
Stop Gradle build processes (requires restart)

Your project may be using a third-party plugin which is not compatible with the o

In the case of corrupt Gradle processes, you can also try closing the IDE and the

build.gradle

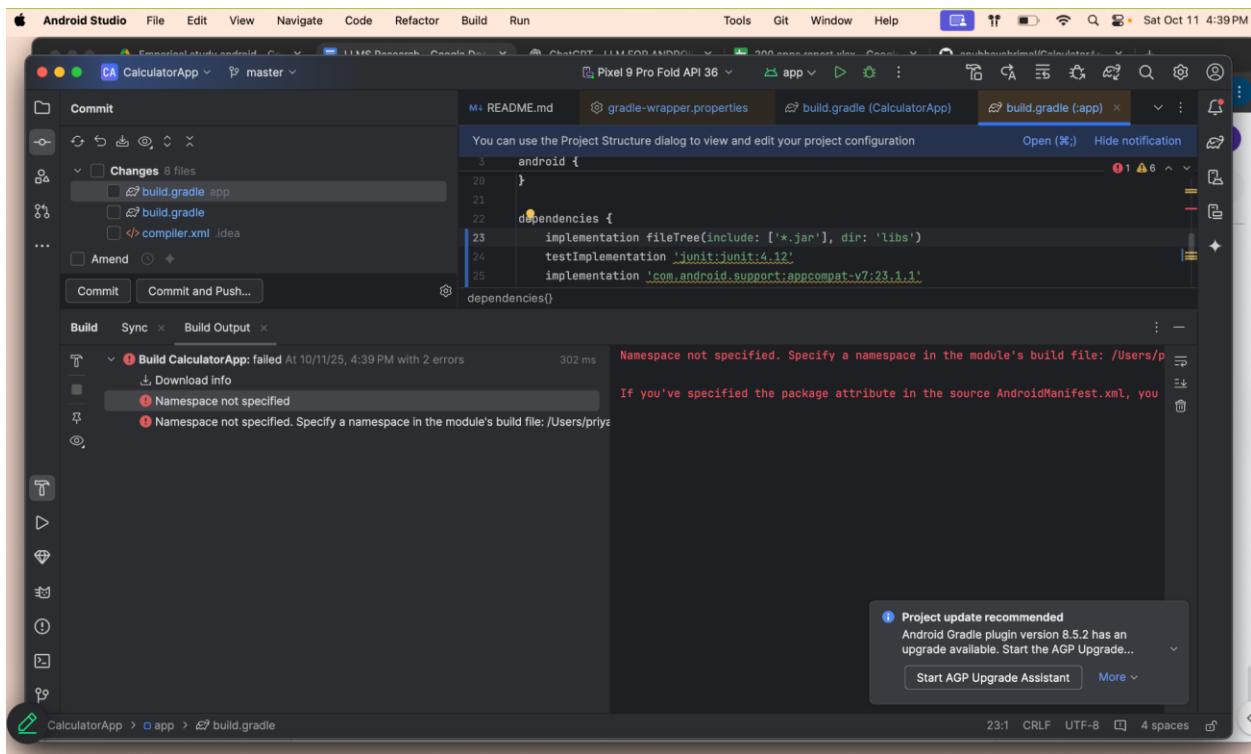
```
1 // Top-level build file where you can add configuration options common to all sub-projects/modules
2
3 buildscript {
4     repositories {
5         jcenter()
6     }
7     dependencies {
8         classpath 'com.android.tools.build:gradle:8.5.2'
9
10        // NOTE: Do not place your application dependencies here; they belong
11        // in the individual module build.gradle files
12    }
13}
14
```



The screenshot shows the Android Studio interface with the project 'CalculatorApp' open. In the top right corner, the status bar indicates 'Sat Oct 11 4:38PM'. The main window displays a 'Commit' screen with a 'Changes' list containing 7 files, including 'build.gradle' and 'gradle-wrapper.properties'. The 'build.gradle' file is selected in the code editor, showing a syntax error at line 23: 'compile fileTree(include: ['*.jar'], dir: 'libs')'. A tooltip provides the error message: 'Could not find method compile() for arguments [directory 'libs'] on object of type org.gradle.api.Project'. Below the code editor, the 'Build' tab shows a failure message: 'CalculatorApp: failed At 10/11/25, 4:36 PM with 1 error'. The detailed error message points to the same line 23 in the build file.

The screenshot shows the same Android Studio session after the fix. The 'Commit' screen now shows 8 files in the changes list. The 'build.gradle' file is selected in the code editor, and the code has been updated to include a namespace declaration: 'implementation 'com.android.support:appcompat-v7:23.1.1''. The 'Build' tab now shows a success message: 'CalculatorApp: finished At 10/11/25, 4:38 PM with 1 warning'. A tooltip for the warning indicates: 'Namespace not specified. Specify a namespace in the module's build file: /Users/priya/CalculatorApp/app/build.gradle'. The bottom right corner of the interface shows the status '23:1 CRLF UTF-8 4 spaces'.

Complied Successfully



Error while running

Pixel 9 Pro Fold API 36 ▾ app ▾ ▶ ⚡

M README.md gradle-wrapper.properties build.gradle (CalculatorApp)

Gradle files have changed since last project sync. A project sync may be necessary.

```
1 apply plugin: 'com.android.application'

2

3 android {
4     namespace "anubhav.calculatorapp"
5     compileSdkVersion 23
6     buildToolsVersion "23.0.2"
7
8     defaultConfig { DefaultConfig it ->
9         applicationId "anubhav.calculatorapp"
10        minSdkVersion 16
11        targetSdkVersion 23
12        versionCode 1
13        versionName "1.0"
14    }
15    buildTypes { NamedDomainObjectContainer<BuildType> it ->
16        release {
17            minifyEnabled false
18            proguardFiles getDefaultProguardFile('proguard-rules.pro'), 'proguard-rules.pro'
        }
    }
}
```

Added Namespace

The screenshot shows the Android Studio interface with the project 'CalculatorApp' open. The top navigation bar includes File, Edit, View, Navigate, Code, Refactor, Build, Run, Tools, Git, Window, Help, and a status bar indicating Sat Oct 11 4:41 PM. The main window displays the Project Structure dialog, showing changes in the 'Changes' section and code snippets in the 'build.gradle (app)' file. The 'Build' tab in the bottom navigation bar is selected, showing a successful build of 'CalculatorApp' at 10/11/25, 4:40 PM. A message in the log indicates that a deprecated Gradle feature was used, which is incompatible with version 6. The build output shows 'BUILD SUCCESSFUL in 455ms'. A notification at the bottom right suggests an AGP upgrade.

Complied Success

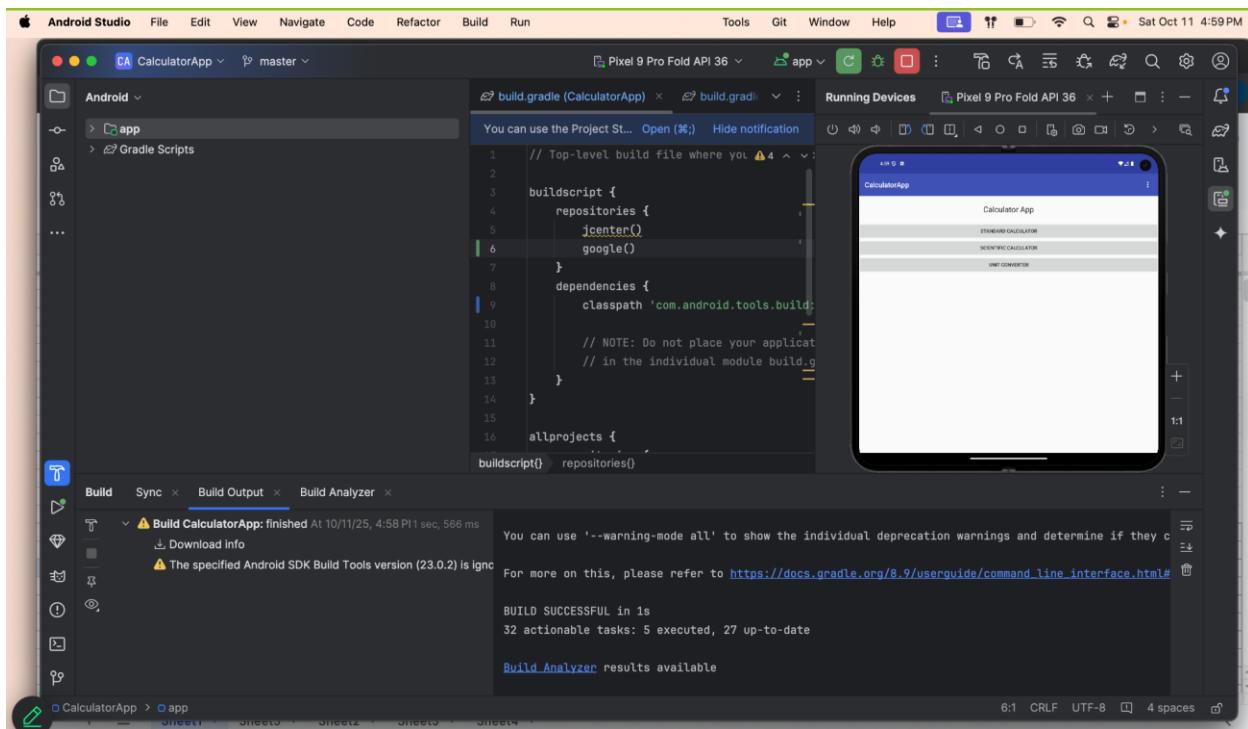
The screenshot shows the Android Studio interface with the project 'CalculatorApp' open. The top navigation bar includes File, Edit, View, Navigate, Code, Refactor, Build, Run, Tools, Git, Window, Help, and a status bar indicating Sat Oct 11 4:43 PM. The main window displays the Project Structure dialog, showing errors in the 'Build Output' section. The error message points to line 37 of 'UnitTemperature.java' with the text 'case R.id.num0:'. Below the error, there is a list of 12 'constant expression required' errors. A message in the log indicates that a deprecated Gradle feature was used, which is incompatible with version 6. The build output shows a failure at 10/11/25, 4:43 PM. A notification at the bottom right suggests an AGP upgrade.

The screenshot shows the Android Studio interface with multiple tabs open at the top. The main view displays a code comparison between two Java files: `UnitConverter.java` and `UnitTemperatura.java`. The left pane shows a list of changes across 13 files, including `build.gradle`, `compiler.xml`, and several Java files like `UnitArea.java`, `UnitLength.java`, `UnitWeight.java`, and `UnitTemperatura.java`. A tooltip in the bottom right corner indicates a project update is recommended, specifically mentioning the Android Gradle plugin version 8.5.2.

Update Switch conditions to if-else for all this below files :

The screenshot shows the Android Studio interface with a list of Java files visible in the navigation bar. The files listed are:

- `</> runConfigurations.xml .idea`
- `ScientificCal.java app/src/main/java/anubhav/calculatorapp`
- `StandardCal.java app/src/main/java/anubhav/calculatorapp`
- `UnitArea.java app/src/main/java/anubhav/calculatorapp`
- `UnitConverter.java app/src/main/java/anubhav/calculatorapp`
- `UnitLength.java app/src/main/java/anubhav/calculatorapp`
- `UnitTemperatura.java app/src/main/java/anubhav/calculatorapp`
- `UnitWeight.java app/src/main/java/anubhav/calculatorapp`



Complied and running Successfully

CHATGPT Link : <https://chatgpt.com/share/68eac562-8e2c-8009-9364-6b2af7ab2314>

