

1. Type "git -version", "java -version", and "mvn -version" to check if they are installed on your local machine.

```
Command Prompt

C:\Users\Luke>java --version
openjdk 23.0.1 2024-10-15
OpenJDK Runtime Environment (build 23.0.1+11-39)
OpenJDK 64-Bit Server VM (build 23.0.1+11-39, mixed mode, sharing)

C:\Users\Luke>mvn --version
Apache Maven 3.9.9 (8e8579a9e76f7d015ee5ec7bfc97d260186937)
Maven home: C:\Java\apache-maven-3.9.9
Java version: 23.0.1, vendor: Oracle Corporation, runtime: C:\Users\Luke\.jdk\openjdk-23.0.1
Default locale: en_US, platform encoding: UTF-8
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"

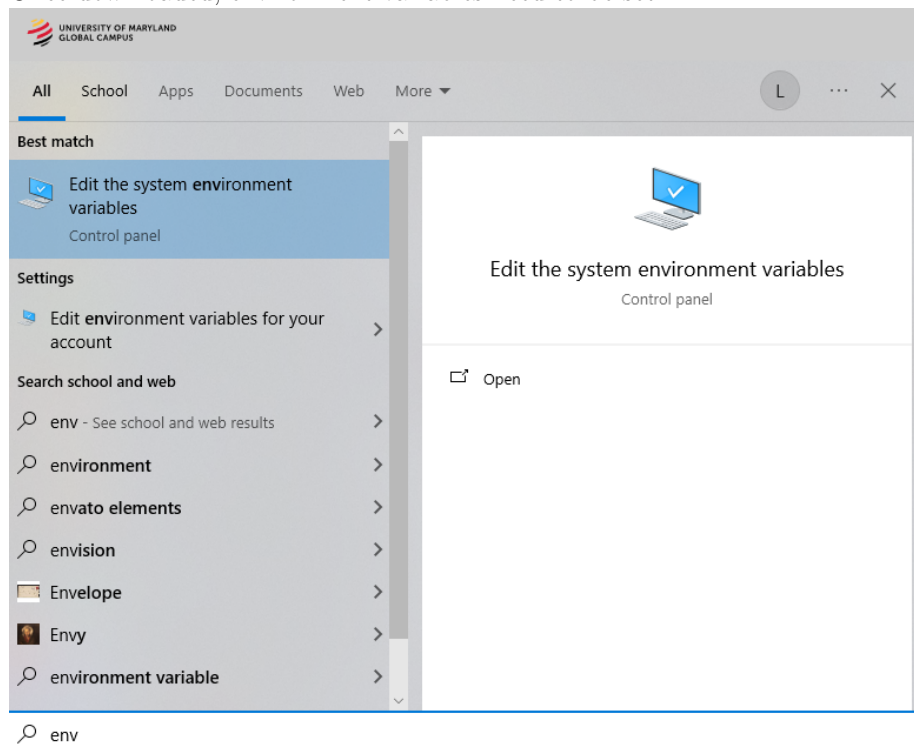
C:\Users\Luke>git --version
git version 2.42.0.windows.2

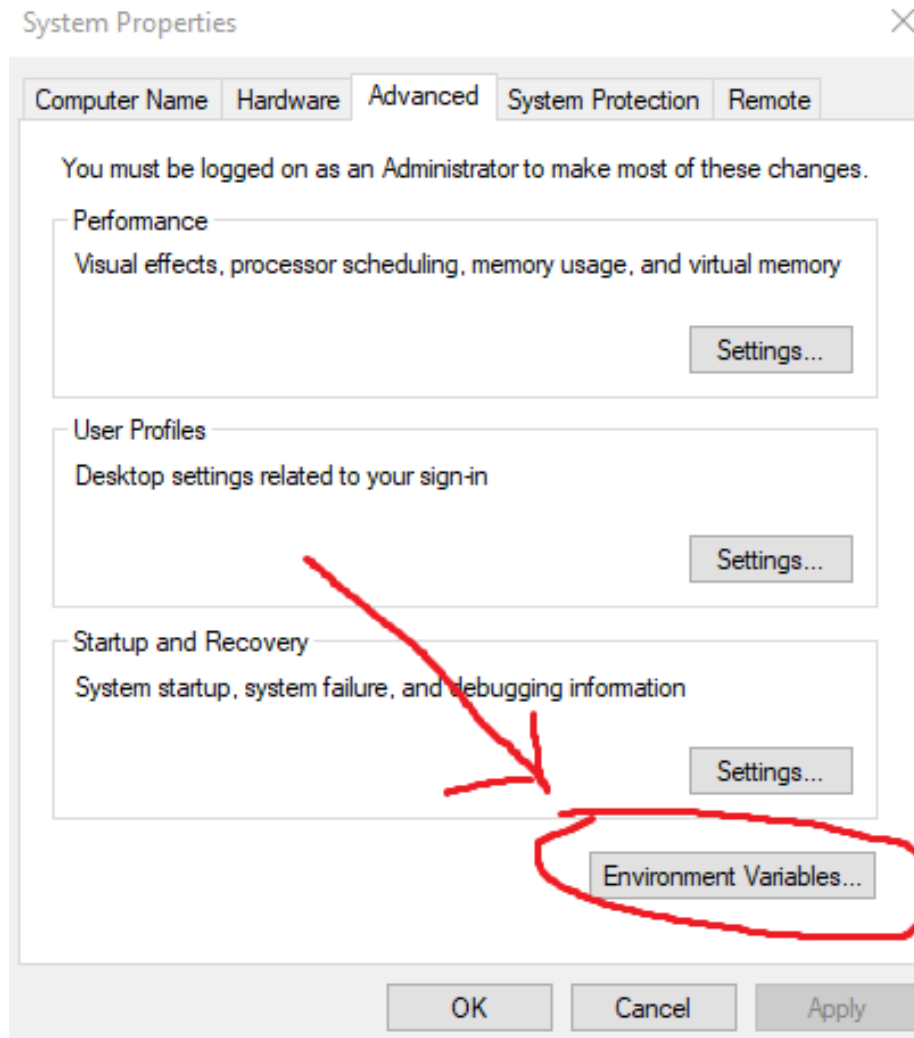
C:\Users\Luke>
```

2. If Java is not version 23, or if Maven or Git are not downloaded, they can be obtained from:

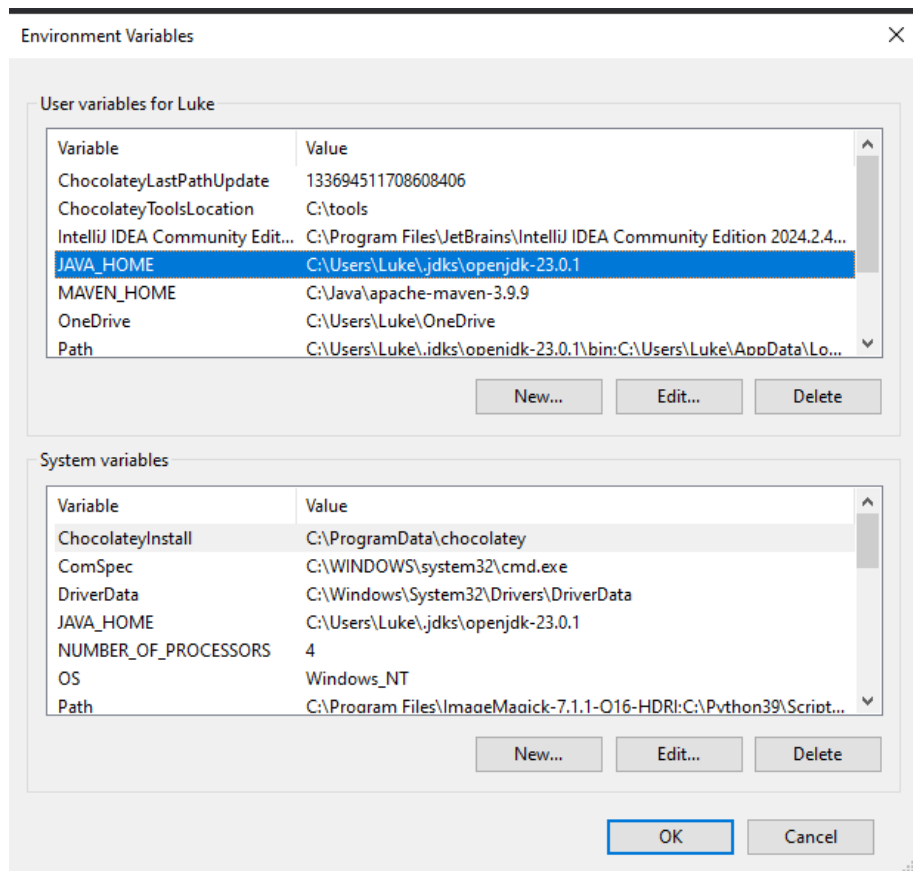
- [Java](#)
- [Maven](#)
- [git](#)

3. Once downloaded, environment variables need to be set.

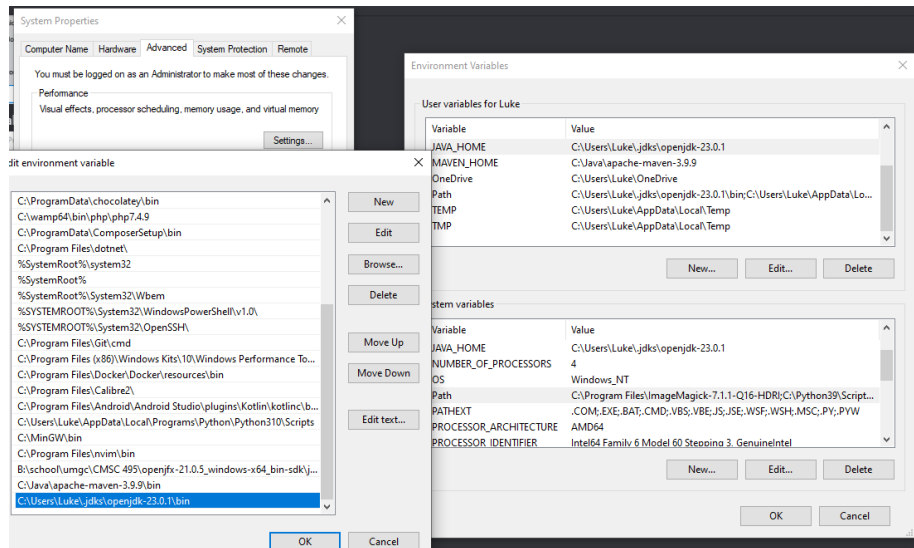




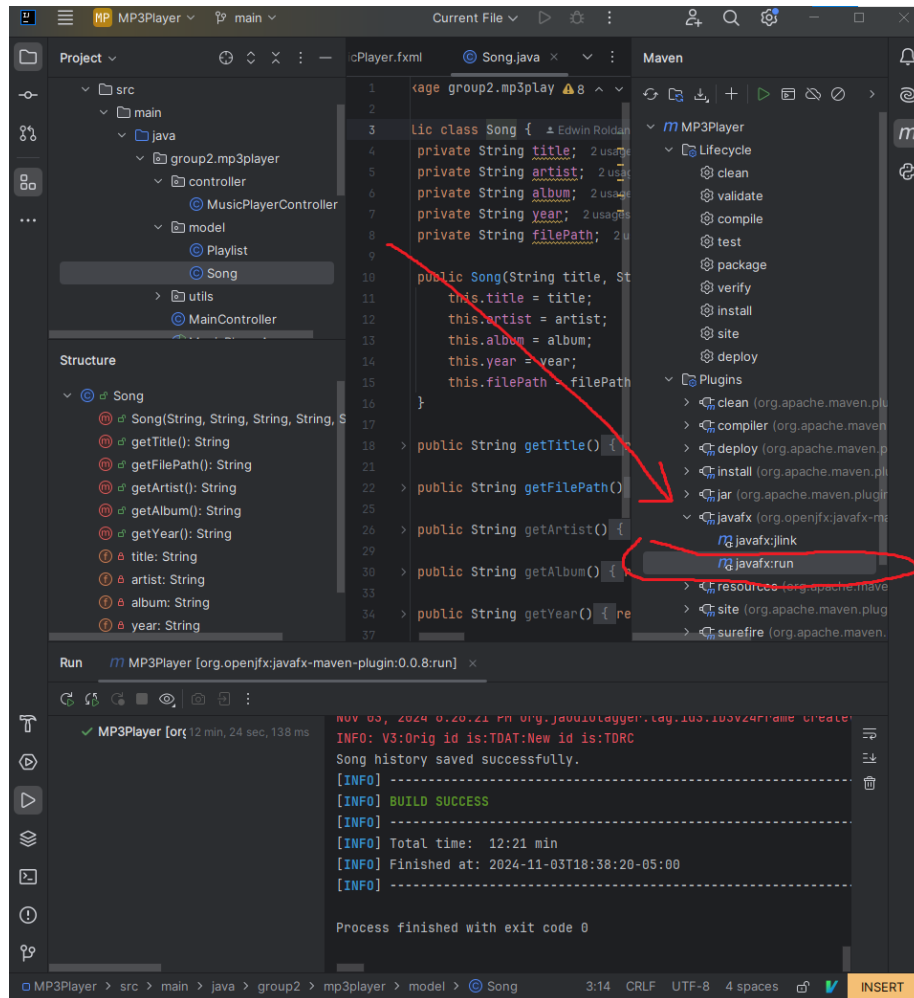
4. Include user/system variables with the value set to the path where you saved them, for the following:
- JAVA_HOME
 - MAVEN_HOME



5. The path user and system variables also need to be set, pointing to the '/bin' folder for each.



6. Clone the repository with the command `git clone https://github.com/LStevens-UMGC/MP3Player.g`
7. Use the Maven `javafx:run` command to start the application.



8. Create a local branch before working on the code with the command `git checkout -b branchName` (branchName can be anything but for consistency go with yourname-branch)
9. Work on your component
10. When you want to save the work
 - (a) `git pull`
 - (b) `git rebase`
 - (c) `git push`
11. From there I will need to merge it into main.