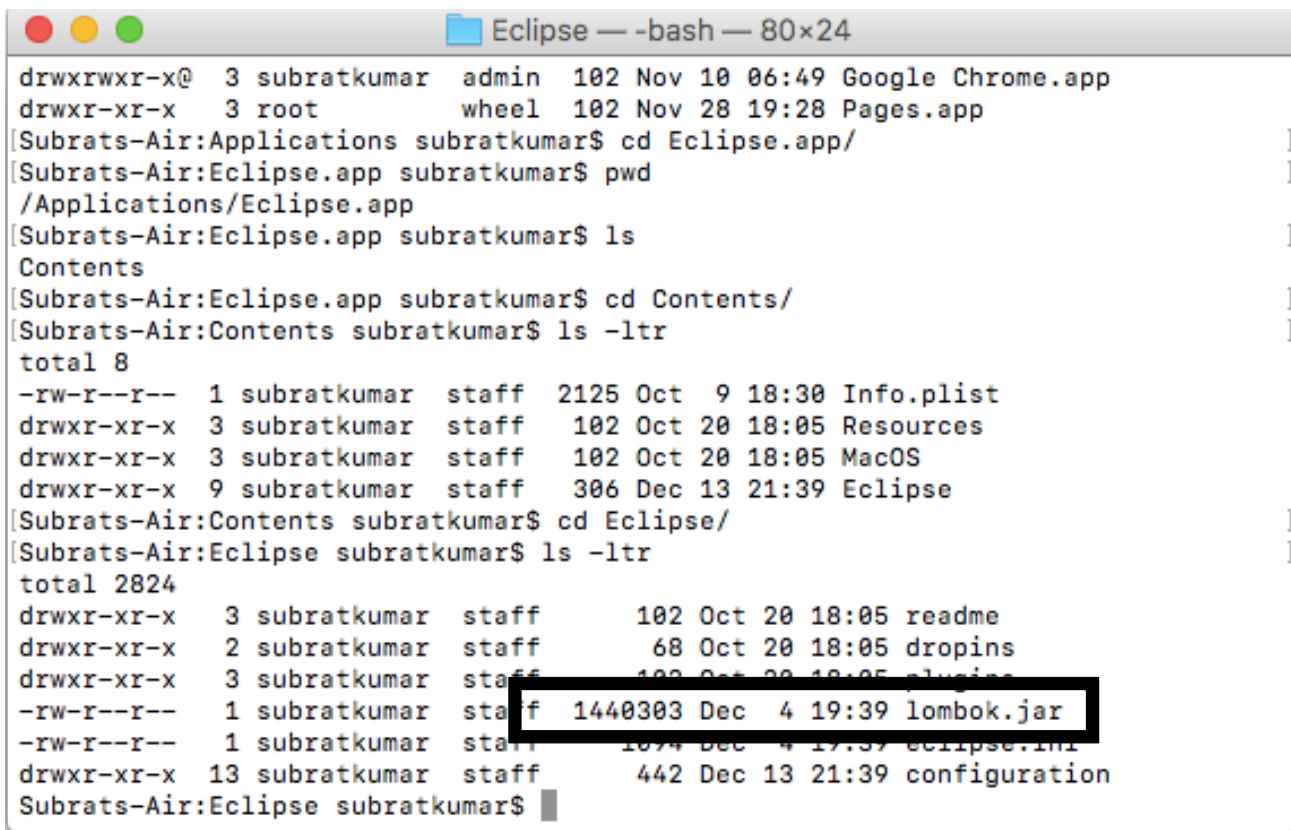


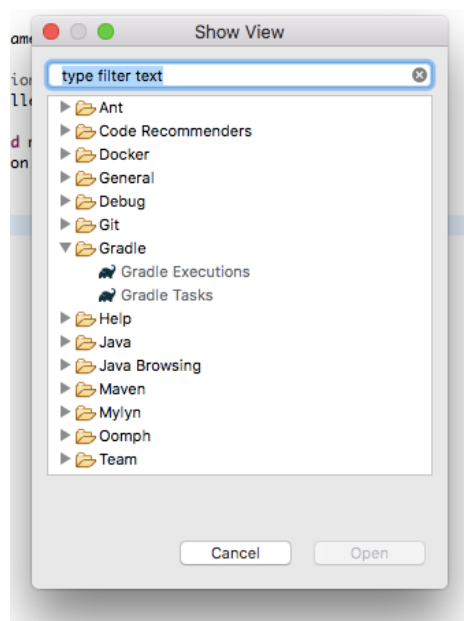
How to Build the Application “Java Challenge”

1. Prerequisite: It is a standard gradle project, running on Spring Boot. It uses [Lombok](#) and if you've not come across it before you'll need to configure your IDE to use it (otherwise code will not compile).
 - Please make sure you have installed Lombok on your eclipse
 - Please make sure you have gradle setup on eclipse.



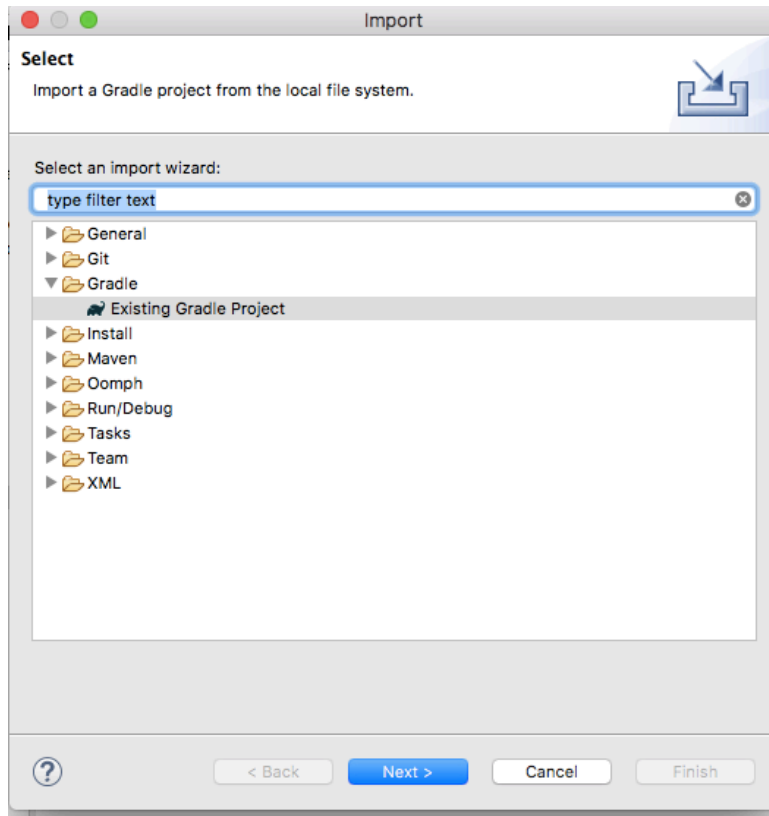
```
Eclipse — -bash — 80x24
drwxrwxr-x@ 3 subratkumar admin 102 Nov 10 06:49 Google Chrome.app
drwxr-xr-x  3 root          wheel 102 Nov 28 19:28 Pages.app
[Subrats-Air:Applications subratkumar$ cd Eclipse.app/
[Subrats-Air:Eclipse.app subratkumar$ pwd
/Applications/Eclipse.app
[Subrats-Air:Eclipse.app subratkumar$ ls
Contents
[Subrats-Air:Eclipse.app subratkumar$ cd Contents/
[Subrats-Air:Contents subratkumar$ ls -ltr
total 8
-rw-r--r--  1 subratkumar  staff  2125 Oct  9 18:30 Info.plist
drwxr-xr-x  3 subratkumar  staff   102 Oct 20 18:05 Resources
drwxr-xr-x  3 subratkumar  staff   102 Oct 20 18:05 MacOS
drwxr-xr-x  9 subratkumar  staff   306 Dec 13 21:39 Eclipse
[Subrats-Air:Contents subratkumar$ cd Eclipse/
[Subrats-Air:Eclipse subratkumar$ ls -ltr
total 2824
drwxr-xr-x  3 subratkumar  staff   102 Oct 20 18:05 readme
drwxr-xr-x  2 subratkumar  staff    68 Oct 20 18:05 dropins
drwxr-xr-x  3 subratkumar  staff   102 Oct 20 18:05 plugins
-rw-r--r--  1 subratkumar  staff 1440303 Dec  4 19:39 lombok.jar
-rw-r--r--  1 subratkumar  staff  1074 Dec  4 19:39 eclipse.ini
drwxr-xr-x 13 subratkumar  staff   442 Dec 13 21:39 configuration
Subrats-Air:Eclipse subratkumar$
```

- You can verify Lombok installation by checking above directory and you should check gradle installation by going windows>show view (may differ in windows)

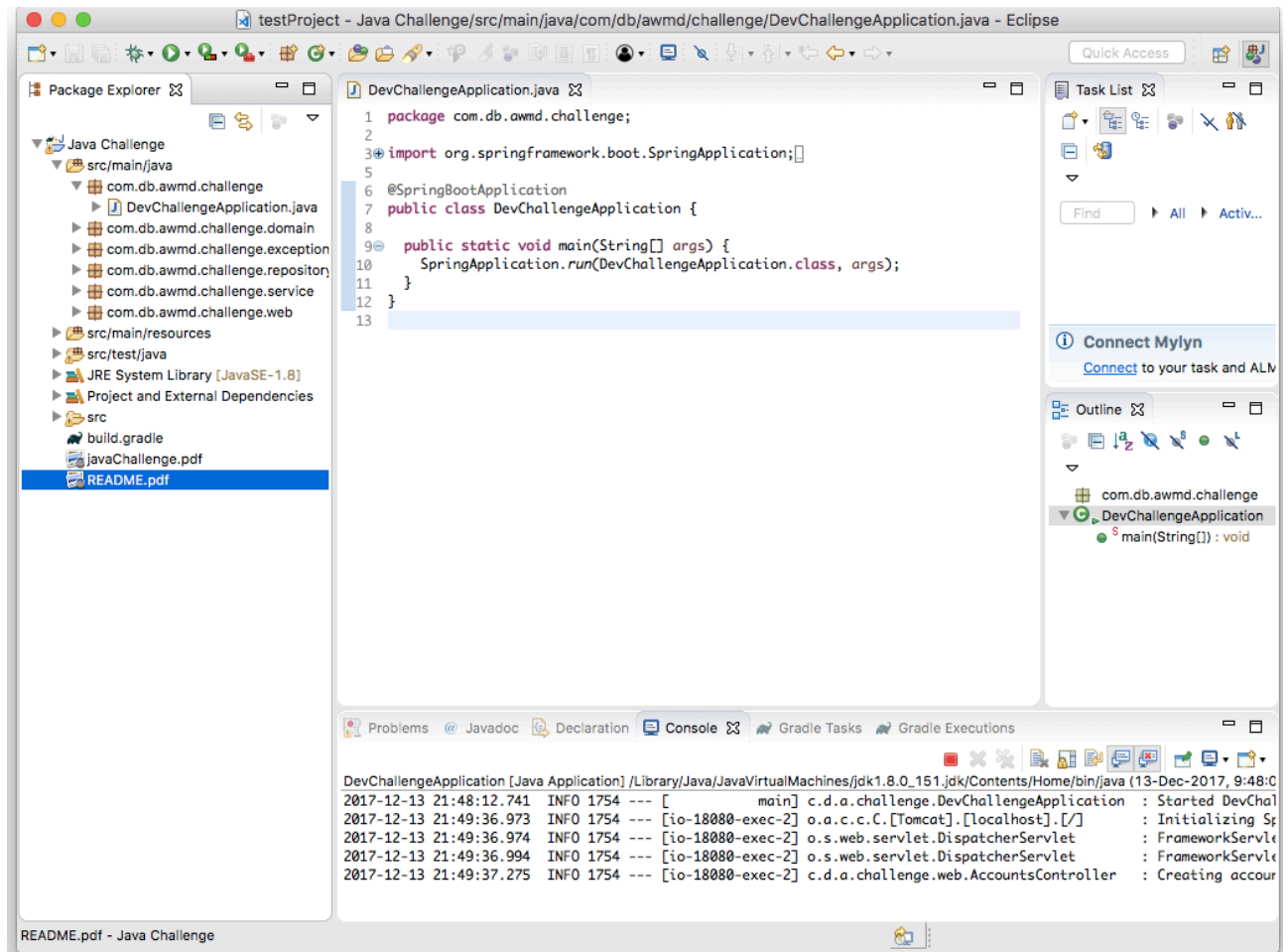


2. Project and workspace setting

- Open terminal (cmd in case of windows) and create a workspace folder (mk dir would help you)
- Download the zip going to <https://github.com/websubrat/fordbchallenge>
- Go to java challenge folder copy it and paste it to your project root (workspace) you just created
- Open eclipse and select the root folder,
- Go to eclipse>import>existing Gradle Project



- Click Next and select the folder java challenge and click OK
- Wait for some time “the grade might be fetching the required repositories ”
- If your eclipse is not at “Build Automatically” mode, you might need to clean-build project
- After it fetches all the required libraries and packages you will have no error on your projec
 - Please DO NOT FORGET TO INSTALL LOAMBOK into ECLIPSE - otherwise it will throw error
 - Please do install gradle as well- it comes by default with Eclipse Neon
- Please make sure you do not have any error in the project. (If you have followed above steps, you should not be)



- Open DevChallengeApplication.java and run-as-java-application
- You should be able to see a running tomcat as shown above in the console.
- Open Postman and verify the working application by calling exposed API's

