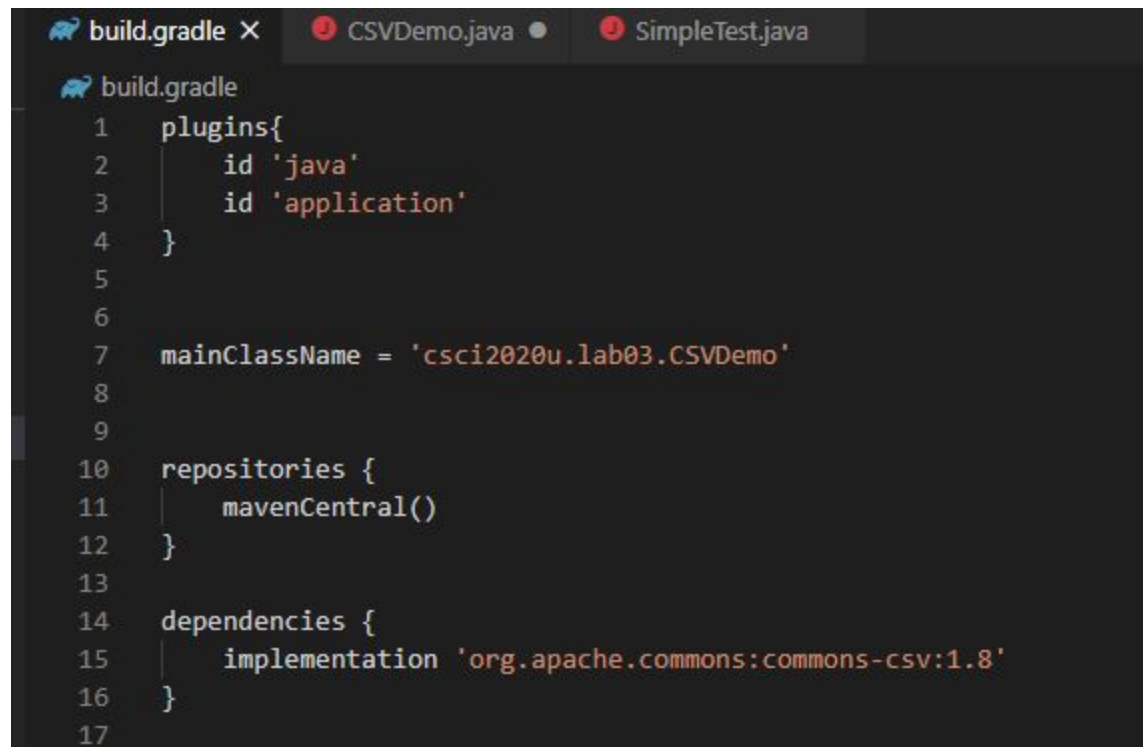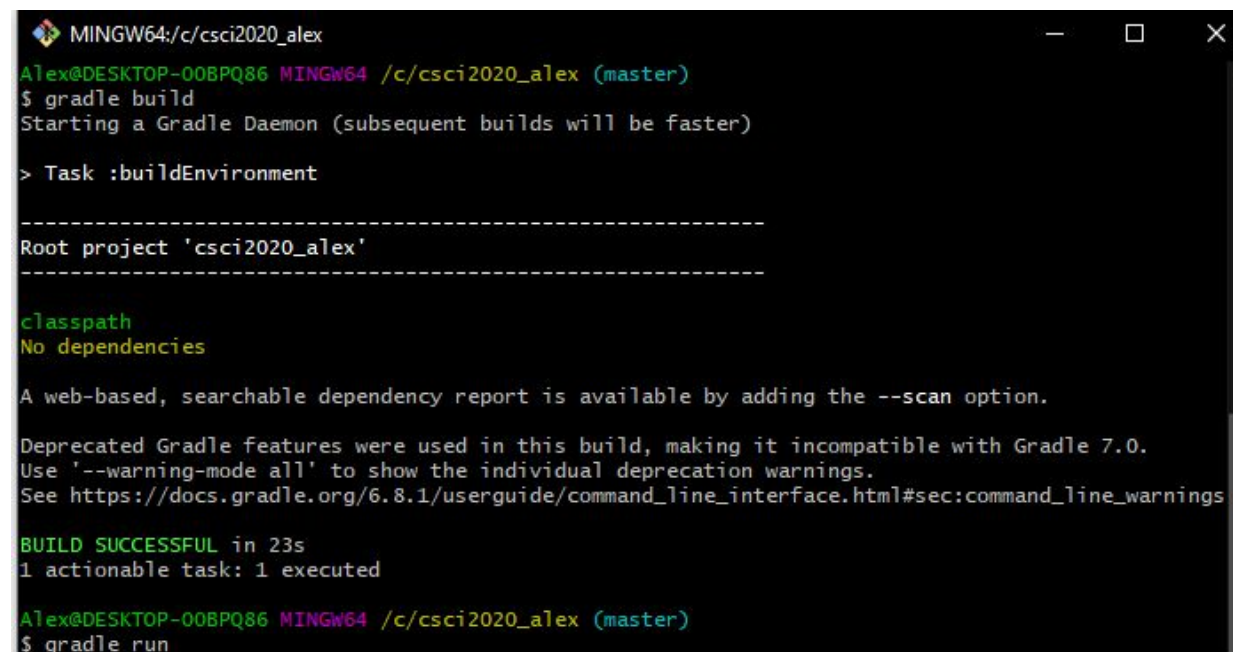```
Alex@DESKTOP-OOBPQ86 MINGW64 /c
$ cd csci2020_alex
```

```
Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex (master)
$ mkdir lab03
```

build.gradle ×   CSVDemo.java ●   SimpleTest.java

build.gradle
```
1   plugins{
2       id 'java'
3       id 'application'
4   }
5
6
7   mainClassName = 'csci2020u.lab03.CSVDemo'
8
9
10  repositories {
11      mavenCentral()
12  }
13
14  dependencies {
15      implementation 'org.apache.commons:commons-csv:1.8'
16  }
17
```

MINGW64:/c/csci2020_alex   —   □   ×
```
Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex (master)
$ gradle build
Starting a Gradle Daemon (subsequent builds will be faster)

> Task :buildEnvironment

------------------------------------------------------------
Root project 'csci2020_alex'
------------------------------------------------------------

classpath
No dependencies

A web-based, searchable dependency report is available by adding the --scan option.

Deprecated Gradle features were used in this build, making it incompatible with Gradle 7.0.
Use '--warning-mode all' to show the individual deprecation warnings.
See https://docs.gradle.org/6.8.1/userguide/command_line_interface.html#sec:command_line_warnings

BUILD SUCCESSFUL in 23s
1 actionable task: 1 executed

Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex (master)
$ gradle run
```

```
Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex/lab03 (master)
$ gradle run

> Task :run
Barbara Smith (A-)
Juan Rodriguez (B+)
Taylor McCaffrey (D)
Saaid Asfaq (C+)
Dina Baberetti (C-)

BUILD SUCCESSFUL in 2s
2 actionable tasks: 2 executed
```

```
Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex/lab03 (master)
$ gradle build

BUILD SUCCESSFUL in 3s
5 actionable tasks: 4 executed, 1 up-to-date

Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex/lab03 (master)
$ cd build/libs

Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex/lab03/build/libs (master)
$ ls
lab02.jar  lab03-1.0.jar

Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex/lab03/build/libs (master)
$
```

```
Alex@DESKTOP-OOBPQ86 MINGW64 /c/csci2020_alex (master)
$ tar -zxvf proguard6.2.2.tar.gz
proguard6.2.2/
proguard6.2.2/annotations/
proguard6.2.2/annotations/build.sh
proguard6.2.2/annotations/makefile
proguard6.2.2/annotations/build.xml
proguard6.2.2/annotations/src/
proguard6.2.2/annotations/src/proguard/
proguard6.2.2/annotations/src/proguard/annotation/
proguard6.2.2/annotations/src/proguard/annotation/KeepImplementations.java
proguard6.2.2/annotations/src/proguard/annotation/KeepPublicClassMembers.java
proguard6.2.2/annotations/src/proguard/annotation/KeepPublicProtectedClassMembers.java
proguard6.2.2/annotations/src/proguard/annotation/KeepPublicProtectedClassMemberNames.java
proguard6.2.2/annotations/src/proguard/annotation/KeepClassMemberNames.java
proguard6.2.2/annotations/src/proguard/annotation/KeepPublicImplementations.java
proguard6.2.2/annotations/src/proguard/annotation/KeepApplication.java
proguard6.2.2/annotations/src/proguard/annotation/KeepGettersSetters.java
proguard6.2.2/annotations/src/proguard/annotation/KeepPublicGettersSetters.java
proguard6.2.2/annotations/src/proguard/annotation/KeepPublicClassMemberNames.java
proguard6.2.2/annotations/src/proguard/annotation/Keep.java
proguard6.2.2/annotations/src/proguard/annotation/KeepName.java
proguard6.2.2/annotations/src/proguard/annotation/KeepClassMembers.java
proguard6.2.2/annotations/gradle.properties
proguard6.2.2/annotations/build.gradle
proguard6.2.2/annotations/pom.xml
proguard6.2.2/LICENSE_exception.md
proguard6.2.2/retrace/
proguard6.2.2/retrace/settings.gradle
```

Name	Date modified	Type	Size
annotations	2019-12-08 9:58 AM	File folder	
ant	2019-12-08 9:58 AM	File folder	
bin	2019-12-08 9:58 AM	File folder	
buildscripts	2019-12-08 9:58 AM	File folder	
core	2019-12-08 9:58 AM	File folder	
docs	2019-12-08 9:58 AM	File folder	
examples	2019-12-08 9:58 AM	File folder	
gradle	2019-12-08 9:58 AM	File folder	
gui	2019-12-08 9:58 AM	File folder	
lib	2019-12-08 9:58 AM	File folder	
retrace	2019-12-08 9:58 AM	File folder	
wtk	2019-12-08 9:58 AM	File folder	
LICENSE.md	2019-09-18 7:52 AM	MD File	15 KB
LICENSE_exception.md	2019-09-18 7:52 AM	MD File	2 KB
README.md	2019-09-18 7:52 AM	MD File	3 KB