Part 1 and 2

```
clatattack@DESKTOP-LDLBUKR:~/csci2020u$ ls
lab01  lab02
clatattack@DESKTOP-LDLBUKR:~/csci2020u$ cp -r lab02/ lab03/
clatattack@DESKTOP-LDLBUKR:~/csci2020u$ ls
lab01  lab02  lab03
clatattack@DESKTOP-LDLBUKR:~/csci2020u$ cd lab03
clatattack@DESKTOP-LDLBUKR:~/csci2020u/lab03$ ls
build  build.gradle  src
clatattack@DESKTOP-LDLBUKR:~/csci2020u/lab03$ code .
Updating VS Code Server to version d6ee99e4c045a6716e5c653d7da8e9ae6f5a8b03
Removing previous installation...
Installing VS Code Server for x64 (d6ee99e4c045a6716e5c653d7da8e9ae6f5a8b03)
Downloading: 100%
Unpacking: 100%
Unpacked 2158 files and folders to /home/clatattack/.vscode-server/bin/d6ee99e4c045a6716e5c653d7da8e9ae6f5a8b03.
clatattack@DESKTOP-LDLBUKR:~/csci2020u/lab03$ code .
clatattack@DESKTOP-LDLBUKR:~/csci2020u/lab03$ ls
build  build.gradle  data.csv  src
clatattack@DESKTOP-LDLBUKR:~/csci2020u/lab03$
```

```
clatattack@DESKTOP-LDLBUKR:~/csci2020u/lab03$ gradle build
Starting a Gradle Daemon, 1 incompatible and 1 stopped Daemons could not be reused, use --status for details

Deprecated Gradle features were used in this build, making it incompatible with Gradle 8.0.

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

See https://docs.gradle.org/7.4/userguide/command_line_interface.html#sec:command_line_warnings

BUILD SUCCESSFUL in 5s
5 actionable tasks: 5 executed
```

```
clatattack@DESKTOP-LDLBUKR:~/csci2020u/lab03$ gradle run

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

Deprecated Gradle features were used in this build, making it incompatible with Gradle 8.0.

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

See https://docs.gradle.org/7.4/userguide/command_line_interface.html#sec:command_line_warnings

BUILD SUCCESSFUL in 592ms
2 actionable tasks: 1 executed, 1 up-to-date
clatattack@DESKTOP-LDLBUKR:~/csci2020u/lab03$
```

build.gradle - lab03 [WSL: Ubuntu] - Visual Studio Code

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER

OPEN EDITORS
- × data.csv   U
- SimpleTest.java src/main/java/csci2020u/lab... U
- CSVDemo.java src/main/java/csci2020u/lab03   U
- × build.gradle   U

LAB03 [WSL: UBUNTU]
- .gradle
- build
  - classes
  - distributions
  - generated
  - libs
    - lab02.jar
    - lab03-1.0.jar
  - scripts
  - tmp
- src / main / java / csci2020u / lab03
  - CSVDemo.java   U
  - SimpleTest.java   U
- build.gradle   U
- data.csv   U

data.csv U   SimpleTest.java U   CSVDemo.java U   build.gradle U ×

build.gradle

```groovy
1   apply plugin: 'java'
2   apply plugin: 'application'
3
4   repositories {
5       mavenCentral()
6   }
7
8   dependencies {
9       implementation 'org.apache.commons:commons-csv:1.8'
10  }
11
12  mainClassName = 'csci2020u.lab03.CSVDemo'
13  version = 1.0
14
15  jar{
16      manifest{
17          attributes 'Main-Class': mainClassName,
18                     'Implementation-Title': 'Lab03',
19                     'Implementation-Version': version
20      }
21  }
```

OUTLINE

TIMELINE

WSL: Ubuntu   master*   ⊗ 0 ⚠ 0   Ln 18, Col 53   Spaces: 4   UTF-8   LF   Groovy