

```

C:\Select MINGW64\c\Users\space\Desktop\csci2020u\lab02
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02 (master)
$ touch build.gradle
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02 (master)
$ touch src
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02 (master)
$ touch main
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02 (master)
$ cd main
bash: cd: main: Not a directory
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02 (master)
$ cd main
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main (master)
$ touch java
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main (master)
$ cd csci2020u
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u (master)
$ cd lab02
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$ touch simpleTest.java
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$ gradle -v
-----
Gradle 6.6.1
-----
Build time: 2020-08-25 16:29:12 UTC
Revision: f2d1fb54a95160b11d25740e471bec8d18d7e3
Kotlin: 1.3.72
Groovy: 2.5.12
Ant: Apache Ant(TM) version 1.10.8 compiled on May 10 2020
JVM: 12.0.1-0jdkbuild (Oracle Corporation 12.0.1-0jdkbuild-12)
OS: Windows 10 10.0 amd64

space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$ cd ..
bash: cd..: command not found
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$ cd ..
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u (master)
$ cd ..
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02/main (master)
$ cd ..
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02 (master)
$ touch .gitignore.txt
space@LAPTOP-VSKC1389 MINGW64 ~/Desktop/csci2020u/lab02 (master)
$

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	Name	Date modified	Type	Size
SS	main	2021-02-01 5:56 PM	File folder	
	src	2021-02-01 5:55 PM	File folder	
	.gitignore	2021-02-02 9:39 AM	Text Document	1 KB
	build.gradle	2021-02-01 5:53 PM	GRADLE File	0 KB
ts				

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Select MINGW64/c/Users/space/Desktop/csci2020u/lab02

Unknown command-line option '--tasks'.

USAGE: gradle [option...] [task...]

-?, -h, --help                Shows this help message.
-a, --no-rebuild              Do not rebuild project dependencies.
-b, --build-file               Specify the build file.
--build-cache                 Enables the Gradle build cache. Gradle will try to reuse outputs from previous builds.
-c, --settings-file           Specify the settings file.
--configuration-cache          Enables the configuration cache. Gradle will try to reuse the build configuration from previous builds. [incubating]
--configuration-cache-problems Configures how the configuration cache handles problems (fail or warn). Defaults to fail. [incubating]
--configure-on-demand          Configure necessary projects only. Gradle will attempt to reduce configuration time for large multi-project builds. [incubating]
--console                     Specifies which type of console output to generate. Values are 'plain', 'auto' (default), 'rich' or 'verbose'.
--continue                    Continue task execution after a task failure.
-D, --system-prop             Set system property of the JVM (e.g. -Dmyprop=myvalue).
-d, --debug                   Log in debug mode (includes normal stacktrace).
--daemon                      Uses the Gradle Daemon to run the build. Starts the Daemon if not running.
--export-keys                  Exports the public keys used for dependency verification. [incubating]
-f, --dependency-verification Configures the dependency verification mode (strict, lenient or off) [incubating]
--foreground                  Starts the Gradle Daemon in the foreground.
--gradle-user-home            Specifies the gradle user home directory.
-i, --init-script              Specify an initialization script.
-l, --info                    Set log level to info.
--include-build               Include the specified build in the composite.
--write-verification-metadata Generates checksums for dependencies used in the project (comma-separated list) [incubating]
-ma, --dry-run                Run the builds with all task actions disabled.
--max-workers                 Configure the number of concurrent workers Gradle is allowed to use.
--no-build-cache              Disables the gradle build cache.
--no-configuration-cache       Disables the configuration cache. [incubating]
--no-configuration-on-demand   Disables the use of configuration on demand. [incubating]
--no-daemon                   Do not use the gradle daemon to run the build. Useful occasionally if you have configured Gradle to always run with the daemon by default.
--no-parallel                  Disables parallel execution to build projects.
--no-scan                      Disables the creation of a build scan. For more information about build scans, please visit https://gradle.com/build-scans.
--no-watch-fs                  Disables watching the file system. [incubating]
--offline                     Execute the build without accessing network resources.
-p, --project-prop             Set project property for the build script (e.g. -Pmyprop=myvalue).
-p, --project-dir              Specifies the start directory for Gradle. Defaults to current directory.
--parallel                    Build projects in parallel. Gradle will attempt to determine the optimal number of executor threads to use.
--priority                     Specifies the scheduling priority for the Gradle daemon and all processes launched by it. Values are 'normal' (default) or 'low' [incubating]
--profile                      Profile build execution time and generates a report in the <build_dir>/reports/profile directory.
--project-cache-dir            Specify the project-specific cache directory. Defaults to .gradle in the root project directory.
-q, --quiet                    Log errors only.
--refresh-dependencies         Refresh the state of dependencies.
--refresh-keys                 Refresh the public keys used for dependency verification. [incubating]
--rerun-tasks                  Ignore previously cached task results.
-S, --full-stacktrace           Print out the full (very verbose) stacktrace for all exceptions.
-s, --stacktrace               Print out the stacktrace for all exceptions.
--scan                         Creates a build scan. Gradle will emit a warning if the build scan plugin has not been applied. (https://gradle.com/build-scans)
--status                       Shows status of running and recently stopped Gradle Daemon(s).
--stop                         Stops the Gradle Daemon if it is running.
-t, --continuous               Enables continuous build. Gradle does not exit and will re-execute tasks when task file inputs change.
--update-locks                 Perform a partial update of the dependency lock, letting passed in module notations change version. [incubating]
-v, --version                  Print version info.
-w, --warn                      Set log level to warn.
--warning-mode                 Specifies which mode of warnings to generate. Values are 'all', 'fail', 'summary'(default) or 'none'
--watch-fs                     Enables watching the file system for changes, allowing data about the file system to be re-used for the next build. [incubating]
--write-locks                  Persists dependency resolution for locked configurations, ignoring existing locking information if it exists [incubating]
-x, --exclude-task              Specify a task to be excluded from execution.

space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab02 (master)
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Select MINGW64/c/Users/space/Desktop/csci2020u/lab02/main/csci2020u/lab02

space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab02/main (master)
$ cd csci2020u

space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u (master)
$ cd lab02

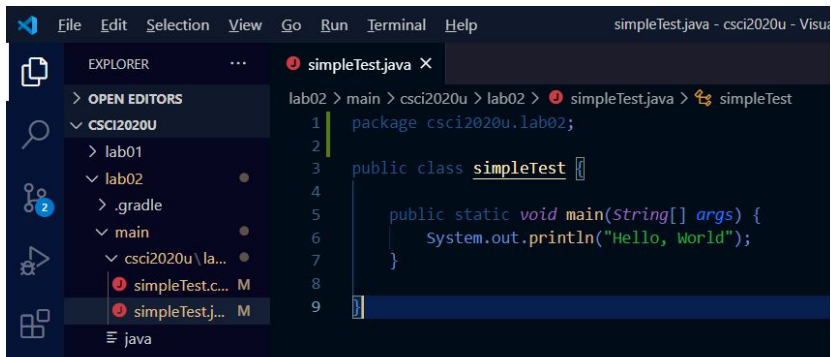
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$ javac simpletest.java
simpletest.java:1: error: class HelloWorld is public, should be declared in a file named HelloWorld.java
public class HelloWorld {
      ^
1 error

space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$ javac simpleTest.java

space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$ simpleTest.java
bash: simpleTest.java: command not found

space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$ java simpleTest.java
Hello, World

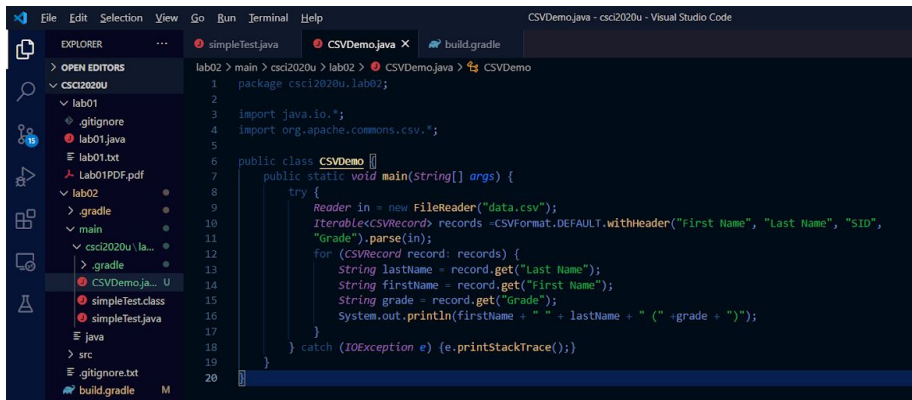
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab02/main/csci2020u/lab02 (master)
$
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$ Select MINGW64/c:/Users/Space/Desktop/csci2020u/lab02/main/csci2020u/lab02
1 error
$ javac simpleTest.java
$ java simpleTest.java
Hello, World
$ git add --all
$ git commit -m "lab2part1"
[master 48e5502] lab2part1
17 files changed, 32 insertions(+)
create mode 100644 lab02 - build tools 1 (1).pdf
create mode 100644 lab01/lab01PDF.pdf
create mode 100644 lab02/.gitignore.txt
create mode 100644 lab02/gradle/6.6.1/executionHistory/executionHistory.lock
create mode 100644 lab02/gradle/6.6.1/fileChanges/last-build.bin
create mode 100644 lab02/gradle/6.6.1/fileHashes/fileHashes.lock
create mode 100644 lab02/gradle/6.6.1/gc.properties
create mode 100644 lab02/gradle/buildOutputCleanup/buildOutputCleanup.lock
create mode 100644 lab02/gradle/buildOutputCleanup/cache.properties
create mode 100644 lab02/gradle/checksums/checksums.lock
create mode 100644 lab02/gradle/configuration-cache/gc.properties
create mode 100644 lab02/gradle/vcs-1/gc.properties
create mode 100644 lab02/build.gradle
create mode 100644 lab02/main/csci2020u/lab02/simpleTest.class
create mode 100644 lab02/main/csci2020u/lab02/simpleTest.java
create mode 100644 lab02/main/java
$ git push origin master
Enumerating objects: 29, done.
Counting objects: 100% (29/29), done.
Delta compression using up to 12 threads
Compressing objects: 100% (17/17), done.
Writing objects: 100% (27/27), 1.54 MiB | 669.00 KiB/s, done.
Total 27 (delta 0), reused 0 (delta 0), pack-reused 0
to https://github.com/nickcoles/csci2020u_NickColes.git
95aa6c7e8e5502 master -> master
$

```



```

$ gradle compileJava
[1AB]1mC[0;32;1m=====0[0;39;1m> 100% CONFIGURING [93ms]B[m0[390B[18B[1AB]1mC[0;32;1m=====0[0;39;1m> 100% CONFIGURING [194ms]B[m0[400B[18B[1AB]1mC[0;32;1m=====0[0;39;1m> 100% CONFIGURING [294ms]B[m0[400B[18B[1AB]1mC[0;32;1m=====0[0;39;1m> 100% CONFIGURING [332;1mBUILD SUCCESSFUL0[0;39;1m in 1s
B[0K
B[1AB]1mC[0;32;1m=====0[0;39;1m> 0% WAITING0[m0[260B[18B[1AB]2K

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space@LAPTOP-VSKC1309 NIKK064 ~/Desktop/csci2020u/lab02 (master)
$ git add --all

space@LAPTOP-VSKC1309 NIKK064 ~/Desktop/csci2020u/lab02 (master)
$ git commit -m"lab2part2"
[master 9c73454] lab2part2
15 files changed, 33 insertions(+)
create mode 100644 lab02/.gradle/6.6.1/fileContent/fileContent.lock
create mode 100644 lab02/.gradle/buildOutputCleanup/outputFiles.bin
create mode 100644 lab02/.gradle/checksums/md5-checksums.bin
create mode 100644 lab02/.gradle/checksums/sha1-checksums.bin
create mode 100644 lab02/main/csci2020u/lab02/.gradle/6.6.1/fileChanges/last-build.bin
create mode 100644 lab02/main/csci2020u/lab02/.gradle/6.6.1/fileHashes/fileHashes.lock
create mode 100644 lab02/main/csci2020u/lab02/.gradle/6.6.1/gc.properties
create mode 100644 lab02/main/csci2020u/lab02/.gradle/checksums/checksums.lock
create mode 100644 lab02/main/csci2020u/lab02/.gradle/configuration-cache/gc.properties
create mode 100644 lab02/main/csci2020u/lab02/.gradle/vcs-1/gc.properties
create mode 100644 lab02/main/csci2020u/lab02/CSVDemo.java

space@LAPTOP-VSKC1309 NIKK064 ~/Desktop/csci2020u/lab02 (master)
$ git push origin master
Enumerating objects: 51, done.
Counting objects: 100% (51/51), done.
Delta compression using up to 12 threads
Compressing objects: 100% (24/24), done.
Writing objects: 100% (35/35), 3.45 KiB | 504.00 KiB/s, done.
Total 35 (delta 9), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (9/9), completed with 6 local objects.
To https://github.com/nick-coles/csci2020u_NickColes.git
 e8e5902..9c73454 master -> master

space@LAPTOP-VSKC1309 NIKK064 ~/Desktop/csci2020u/lab02 (master)
$

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[https://github.com/nick-coles/csci2020u\\_NickColes](https://github.com/nick-coles/csci2020u_NickColes)

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Name	Date modified	Type	Size
.gradle	2021-02-02 9:55 AM	File folder	
main	2021-02-01 5:56 PM	File folder	
src	2021-02-01 5:55 PM	File folder	
.gitignore	2021-02-02 9:39 AM	Text Document	1 KB
build.gradle	2021-02-02 10:44 AM	GRADLE File	1 KB

.gitignore - Notepad

File Edit Format View Help

# Compiled class file

\*.class

# Log file

\*.log

# BlueJ files

\*.ctxt

# Mobile Tools for Java (J2ME)

.mtj.tmp/

# Package Files #

\*.jar

\*.war

\*.nar

\*.ear

\*.zip

\*.tar.gz

\*.rar

# virtual machine crash logs, see [http://www.java.com/en/download/help/error\\_hotspot.xml](http://www.java.com/en/download/help/error_hotspot.xml)

hs\_err\_pid\*

← → ↕ This PC > Desktop > csci2020u > lab02 > main >

Name	Date modified	Type	Size
csci2020u	2021-02-01 5:56 PM	File folder	
java	2021-02-01 5:56 PM	File	0 KB

← → ↕ This PC > Desktop > csci2020u > lab02 > main > csci2020u > lab02 >

Name	Date modified	Type	Size
.gradle	2021-02-02 10:24 AM	File folder	
CSVDemo	2021-02-02 10:35 AM	JAVA File	1 KB
simpleTest.class	2021-02-02 10:22 AM	CLASS File	1 KB
simpleTest	2021-02-02 10:22 AM	JAVA File	1 KB