

Lab02

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GitHub Repo:

https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git

```
wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02$ gradle tasks

> Task :tasks

-----
Tasks runnable from root project 'lab02'
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Application tasks
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run - Runs this project as a JVM application

Build tasks
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assemble - Assembles the outputs of this project.
build - Assembles and tests this project.
buildDependents - Assembles and tests this project and all projects that depend on it.
buildNeeded - Assembles and tests this project and all projects it depends on.
classes - Assembles main classes.
clean - Deletes the build directory.
jar - Assembles a jar archive containing the main classes.
testClasses - Assembles test classes.

Build Setup tasks
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init - Initializes a new Gradle build.
wrapper - Generates Gradle wrapper files.

Distribution tasks
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assembleDist - Assembles the main distributions
distTar - Bundles the project as a distribution.
distZip - Bundles the project as a distribution.
installDist - Installs the project as a distribution as-is.

Documentation tasks
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javadoc - Generates Javadoc API documentation for the main source code.

Help tasks
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buildEnvironment - Displays all buildscript dependencies declared in root project 'lab02'.
dependencies - Displays all dependencies declared in root project 'lab02'.
dependencyInsight - Displays the insight into a specific dependency in root project 'lab02'.
help - Displays a help message.
javaToolchains - Displays the detected java toolchains. [incubating]
outgoingVariants - Displays the outgoing variants of root project 'lab02'.
projects - Displays the sub-projects of root project 'lab02'.
properties - Displays the properties of root project 'lab02'.
tasks - Displays the tasks runnable from root project 'lab02'.
```

```
wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02/src/main/java/csci2020u/lab02$ javac SimpleTest.java
wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02/src/main/java/csci2020u/lab02$ cd ../../../../..
wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02$ gradle build

BUILD SUCCESSFUL in 1s
5 actionable tasks: 5 executed
wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02$ cd build
wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02/build$ java -cp classes/java/main csci2020.lab02.SimpleTest
Error: Could not find or load main class csci2020.lab02.SimpleTest
wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02/build$ java -cp classes/java/main csci2020u.lab02.SimpleTest
Hello World
wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02/build$

wasay@LAPTOP-IFAN1H82:/mnt/d/otu/winter2021/csci2020u/github/csci2020u_AbdulwasayMansoor/lab02$ gradle classes

BUILD SUCCESSFUL in 3s
1 actionable task: 1 up-to-date
```

PC > DATA (D:) > OTU > Winter2021 > CSCI2020U > github > csci2020u_AbdulwasayMansoor > lab02

Name	Date modified	Type	Size
.gradle	1/27/2021 10:04 PM	File folder	
build	2/2/2021 6:51 PM	File folder	
src	1/27/2021 9:38 PM	File folder	
build.gradle	2/2/2021 6:58 PM	GRADLE File	1 KB

> This PC > DATA (D:) > OTU > Winter2021 > CSCI2020U > github > csci2020u_AbdulwasayMansoor > lab02 > src > main > java > csci2020u > lab02

Name	Date modified	Type	Size
SimpleTest.class	2/2/2021 6:50 PM	CLASS File	1 KB
SimpleTest	2/2/2021 6:50 PM	Java Source File	1 KB

Finished part 2 of lab02
wasayMansoor • just now

Finished Part 1 of lab02
wasayMansoor • 12m

master csci2020u_AbdulwasayMansoor / lab02 /

Go to file Add file ...

wasayMansoor Finished part 2 of lab02 16c06a3 3 minutes ago History

..		
.gradle	Finished part 2 of lab02	3 minutes ago
build	Finished part 2 of lab02	3 minutes ago
src/main/java/csci2020u/lab02	Finished Part 1 of lab02	14 minutes ago
build.gradle	Finished part 2 of lab02	3 minutes ago