```
BUILD SUCCESSFUL in 948ms
2 actionable tasks: 1 executed, 1 up-to-date
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03$ gradle build

BUILD SUCCESSFUL in 1s
5 actionable tasks: 4 executed, 1 up-to-date
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03$ cd ..
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u$ ls
TestBeta.txt  TestMaster.txt  clonedRepo  lab01  lab02  lab03  lab04  newText.txt  newTextMaster.txt
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u$ cd lab03
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03$ ls
build  build.gradle  data.csv  main  src
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03$ cd build
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03/build$ cd libs
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03/build/libs$ ls
lab02.jar  lab03.jar
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03/build/libs$
```

```
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03$ gradle run

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

BUILD SUCCESSFUL in 1s
2 actionable tasks: 2 executed
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03$
```

Parts 1-8

```
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03$ gradle minify

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/6.6.1/userguide/command_line_interface.html#sec:command_line_warnings

BUILD SUCCESSFUL in 773ms
3 actionable tasks: 1 executed, 2 up-to-date
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u/lab03$
```

This PC > OS (C:) > School Work > CSCI2020U > lab03 > build > libs

Name	Date modified	Type	Size
.gradle	2021-02-12 9:36 PM	File folder	
data.csv	2021-02-12 9:22 PM	Microsoft Excel C...	1 KB
lab02.jar	2021-02-06 12:01 AM	Executable Jar File	1 KB
lab03.jar	2021-02-12 11:08 PM	Executable Jar File	2 KB
lab03_out.jar	2021-02-12 11:15 PM	Executable Jar File	1 KB

Rest of the parts, the lab03_out.jar file is the one generated after minify, and we can see it is smaller than lab03.jar

GITHUB REPO CHANGES

```
jackie@LAPTOP-SJ1IIF7U:/mnt/c/school work/csci2020u$ git log --graph
* commit 22a1eef51f84dc5869c8ba3eeae8e44580bfe776 (HEAD -> main, origin/main)
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:   Fri Feb 12 23:18:09 2021 -0500
|
|     finished lab 03
|
* commit 66ab71f06ea6b7525a210acc58da9b259d84c998
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:   Sat Feb 6 00:07:10 2021 -0500
|
|     Added CSVDemo
|
* commit 6139ad38c885c03fa7697258cf2fa3d666c8ee06
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:   Sat Feb 6 00:04:02 2021 -0500
|
|     Added Gradle Stuff
|
*   commit 2636f6e727f3b9a722ec03ae1fc948b043410f44
|\  Merge: 4a32a44 dd14936
| | Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| | Date:   Thu Jan 28 16:35:52 2021 -0500
| |
| |     Merge branch 'beta' into main
| |
| * commit dd1493645254d1fb121b3e6a3510ccb02e2e3292 (beta)
| | Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| | Date:   Thu Jan 28 16:34:43 2021 -0500
| |
:
* commit 22a1eef51f84dc5869c8ba3eeae8e44580bfe776 (HEAD -> main, origin/main)
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:   Fri Feb 12 23:18:09 2021 -0500
|
|     finished lab 03
|
* commit 66ab71f06ea6b7525a210acc58da9b259d84c998
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:   Sat Feb 6 00:07:10 2021 -0500
```

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* commit 66ab71f06ea6b7525a210acc58da9b259d84c998
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
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| | Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| | Date:    Thu Jan 28 16:34:43 2021 -0500
| |
:...skipping...
* commit 22a1eef51f84dc5869c8ba3eeae8e44580bfe776 (HEAD -> main, origin/main)
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:    Fri Feb 12 23:18:09 2021 -0500
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| | Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| | Date:    Thu Jan 28 16:34:43 2021 -0500
```

```
*  |  commit 4a32a445ea522cabb760403d1bb996413a24dde6
|  |  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|  |  Date:    Thu Jan 28 16:35:38 2021 -0500
|  |
|  |      Added TestMaster.txt
:...skipping...
*  commit 22a1eef51f84dc5869c8ba3eeae8e44580bfe776 (HEAD -> main, origin/main)
|  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|  Date:    Fri Feb 12 23:18:09 2021 -0500
|
|      finished lab 03
|
*  commit 66ab71f06ea6b7525a210acc58da9b259d84c998
|  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|  Date:    Sat Feb 6 00:07:10 2021 -0500
|
|      Added CSVDemo
|
*  commit 6139ad38c885c03fa7697258cf2fa3d666c8ee06
|  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|  Date:    Sat Feb 6 00:04:02 2021 -0500
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*    commit 2636f6e727f3b9a722ec03ae1fc948b043410f44
|\   Merge: 4a32a44 dd14936
| |  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| |  Date:    Thu Jan 28 16:35:52 2021 -0500
| |
| |      Merge branch 'beta' into main
| |
| *  commit dd1493645254d1fb121b3e6a3510ccb02e2e3292 (beta)
| |  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| |  Date:    Thu Jan 28 16:34:43 2021 -0500
| |
| |      Added TestBeta.txt
| |
*  |  commit 4a32a445ea522cabb760403d1bb996413a24dde6
|  |  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|  |  Date:    Thu Jan 28 16:35:38 2021 -0500
|  |
|  |      Added TestMaster.txt
|  |
*  |  commit eadd8889a24f4a924abdd86fccd3bf4a55fefa46
|/   Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|    Date:    Thu Jan 28 16:32:28 2021 -0500
|
|      added newText files
|
*  commit 29f081742d915e176b0484870988b4eb01454d70
|  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
```

```
|/   Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|    Date:    Thu Jan 28 16:32:28 2021 -0500
|
|        added newText files
|
* commit 29f081742d915e176b0484870988b4eb01454d70
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:    Thu Jan 28 16:19:15 2021 -0500
|
|      added changes
|
:...skipping...
* commit 22a1eef51f84dc5869c8ba3eeae8e44580bfe776 (HEAD -> main, origin/main)
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:    Fri Feb 12 23:18:09 2021 -0500
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| | Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| | Date:    Thu Jan 28 16:34:43 2021 -0500
| |
| |      Added TestBeta.txt
| |
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| | Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| | Date:    Thu Jan 28 16:35:38 2021 -0500
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| |      Added TestMaster.txt
| |
* | commit eadd8889a24f4a924abdd86fccd3bf4a55fefa46
|/  Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|   Date:    Thu Jan 28 16:32:28 2021 -0500
```

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* |  commit eadd8889a24f4a924abdd86fccd3bf4a55fefa46
|/   Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
|    Date:   Thu Jan 28 16:32:28 2021 -0500

         added newText files

* commit 29f081742d915e176b0484870988b4eb01454d70
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:   Thu Jan 28 16:19:15 2021 -0500

     added changes

* commit a5a89043437b4ee7f2f2cd39957116428680c364
| Author: Jackieee-CS <jacksonchen_@Hotmail.ca>
| Date:   Wed Jan 20 13:46:21 2021 -0500
:
```