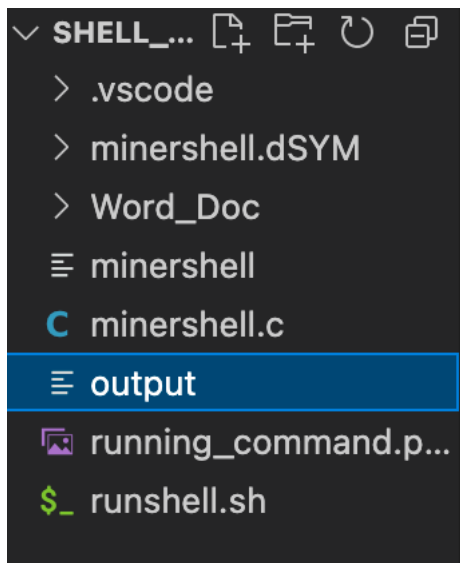


Assignment #2B
Jesus Gutierrez

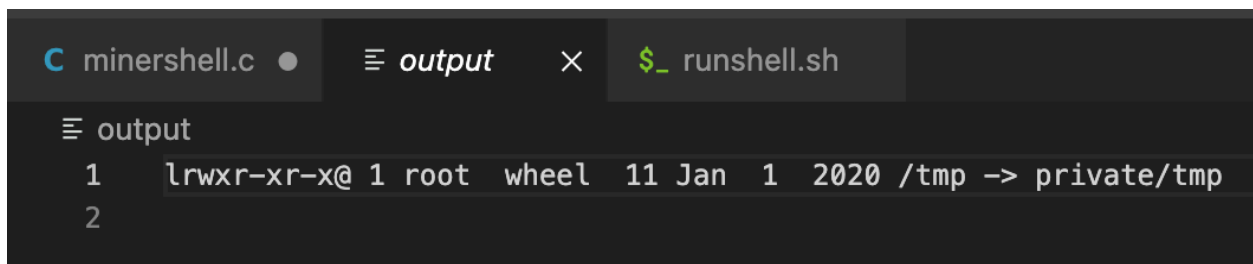
Enabling File Redirection in your Shell

```
minershell: $ ls -la /tmp > output
minershell: $
```

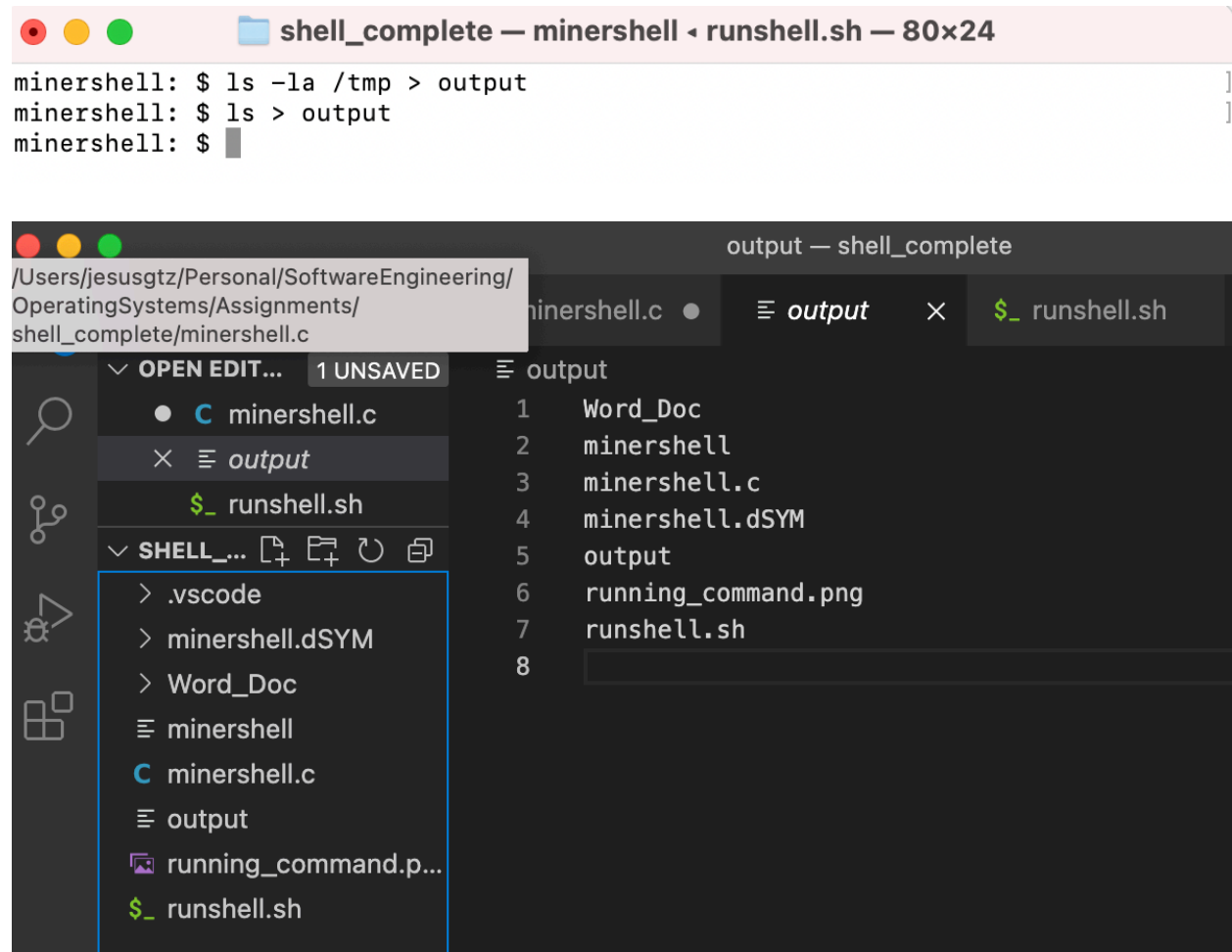
User input “**ls -la /tmp > output**” nothing is displayed on shell screen, rather an output file is created as shown below:



Then inside this output file, we basically get what user inputs in the shell as shown:



We also have the flexibility to overwrite it, as shown below:



The image shows two screenshots. The top screenshot is a terminal window titled "shell_complete — minershell ◀ runshell.sh — 80x24". It displays the following commands and output:

```
minershell: $ ls -la /tmp > output
minershell: $ ls > output
minershell: $
```

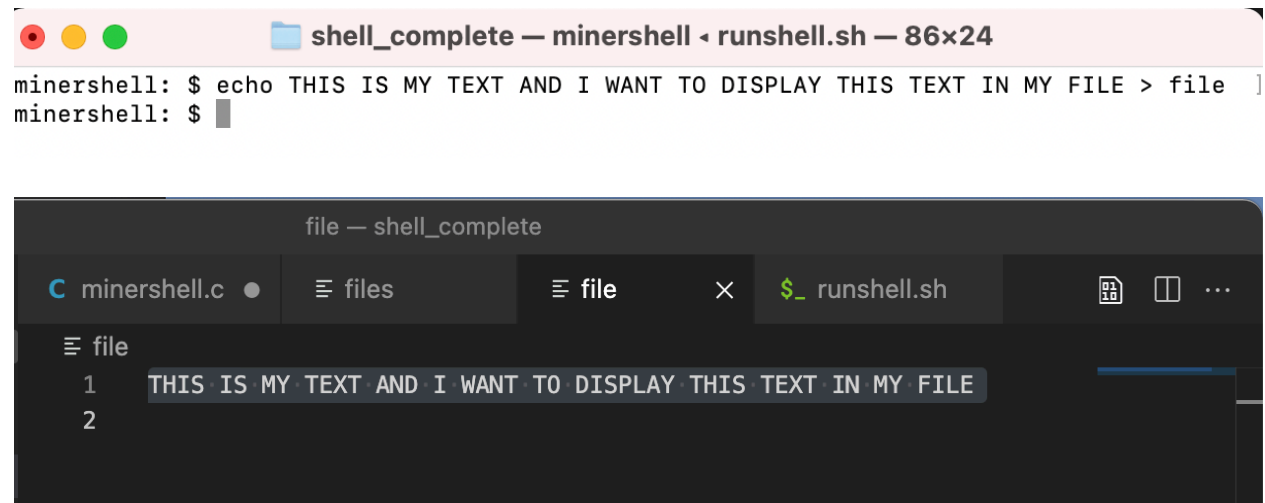
The bottom screenshot is a VS Code editor window titled "output — shell_complete". The editor shows a file explorer on the left with the following files and folders:

- OPEN EDIT... 1 UNSAVED
 - minershell.c
 - output
 - runshell.sh
- SHELL_...
 - .vscode
 - minershell.dSYM
 - Word_Doc
 - minershell
 - minershell.c
 - output
 - running_command.p...
 - runshell.sh

The main editor area shows the output of the "ls" command, listing the contents of the /tmp directory:

```
1 Word_Doc
2 minershell
3 minershell.c
4 minershell.dSYM
5 output
6 running_command.png
7 runshell.sh
8
```

Appending to Files



The image shows two screenshots. The top screenshot is a terminal window titled "shell_complete — minershell ◀ runshell.sh — 86x24". It displays the command `echo THIS IS MY TEXT AND I WANT TO DISPLAY THIS TEXT IN MY FILE > file` being executed in a `minershell` environment. The bottom screenshot is a code editor window titled "file — shell_complete". It shows a file named "file" with two lines: line 1 contains the text "THIS IS MY TEXT AND I WANT TO DISPLAY THIS TEXT IN MY FILE", and line 2 is empty. The editor interface includes tabs for "minershell.c", "files", "file", and "runshell.sh", along with standard file management icons.

```
minershell: $ echo THIS IS MY TEXT AND I WANT TO DISPLAY THIS TEXT IN MY FILE > file  
minershell: $
```

```
file  
1 THIS IS MY TEXT AND I WANT TO DISPLAY THIS TEXT IN MY FILE  
2
```

We can append files, and in this example, we show how using echo command to exact output lines into a file.