Enabling File Redirection in your Shell

```
●  ●  ●            📁 shell_complete — minershell ‹ runshell.sh — 80×24
minershell: $ ls -la /tmp > output
minershell: $ ▊
```
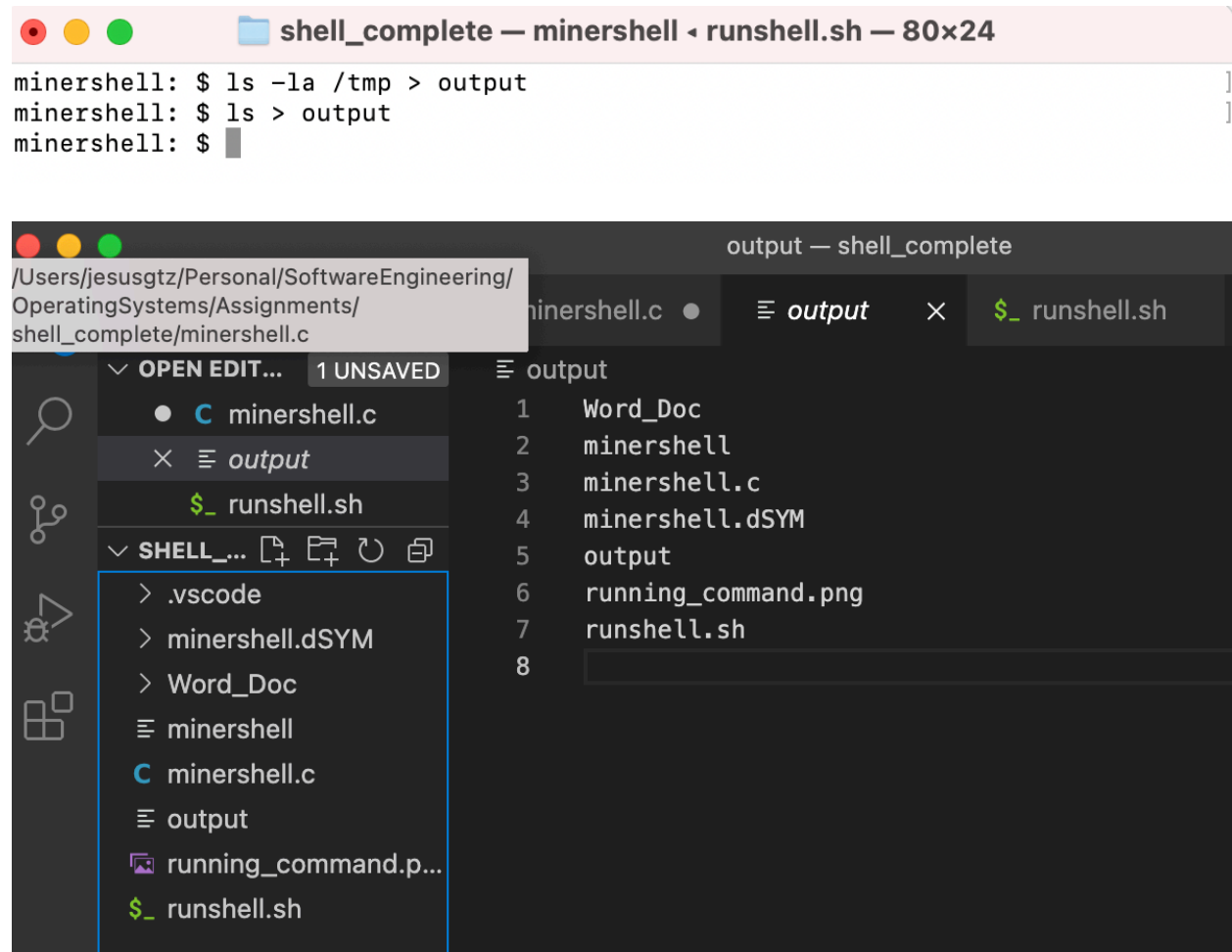
User input **"ls -la /tmp > output"** nothing is displayed on shell screen, rather an ouput file is created as shown below:
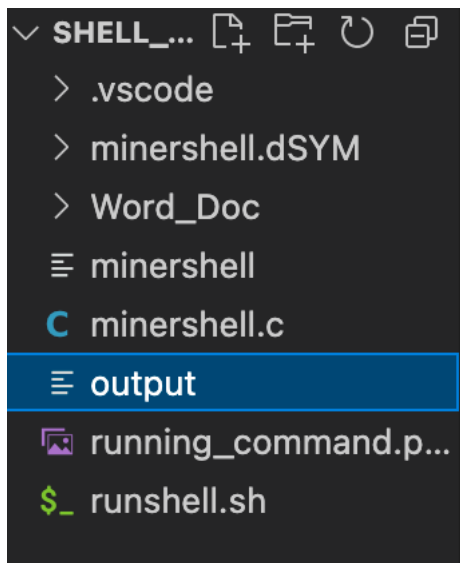
Then inside this output file, we basically get what user inputs in the shell as shown:

```
C minershell.c ●        ≡ output        ✕        $_ runshell.sh

≡ output
  1     lrwxr-xr-x@ 1 root   wheel   11 Jan  1  2020 /tmp -> private/tmp
  2
```
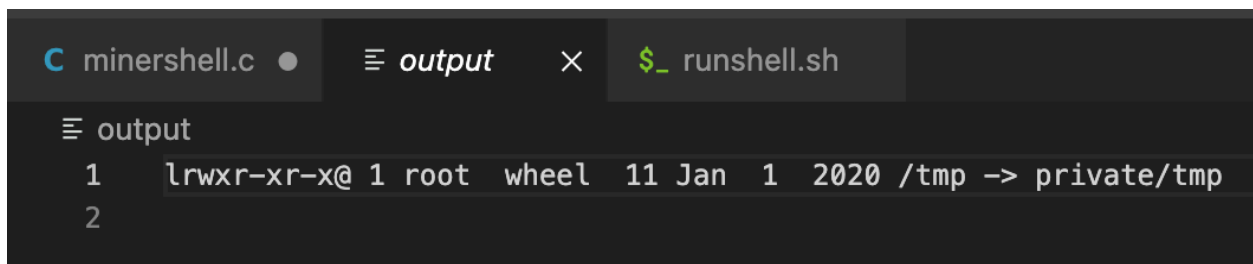
We also have the flexibility to overwrite it, as shown below:

```
shell_complete — minershell ‹ runshell.sh — 80×24
minershell: $ ls -la /tmp > output                                            ]
minershell: $ ls > output                                                     ]
minershell: $
```
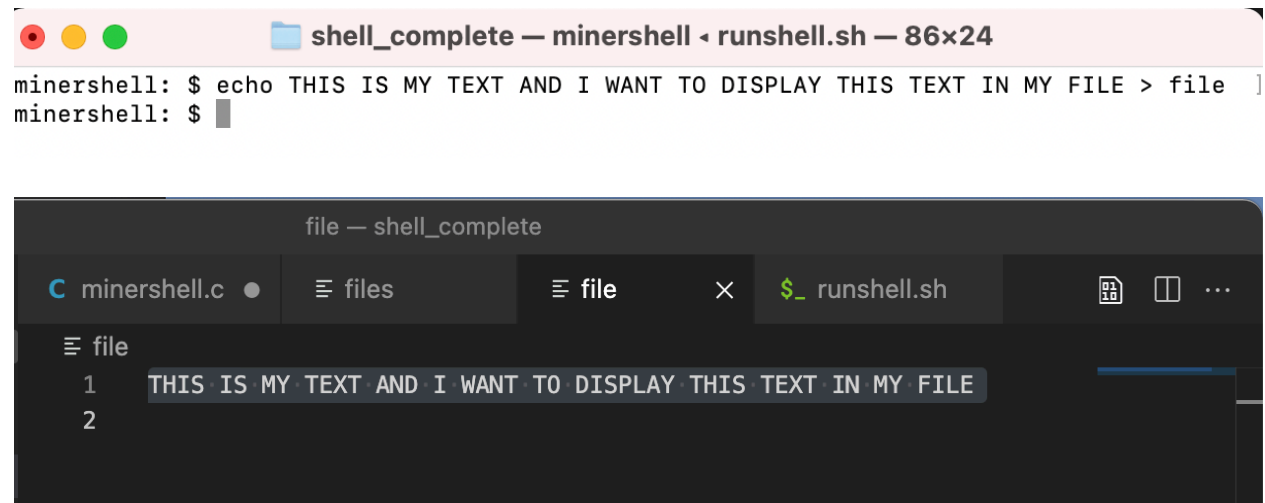
```
output — shell_complete

/Users/jesusgtz/Personal/SoftwareEngineering/
OperatingSystems/Assignments/
shell_complete/minershell.c            minershell.c ●    ≡ output    ×    $_ runshell.sh

∨ OPEN EDIT...  1 UNSAVED      ≡ output
    ● C minershell.c          1    Word_Doc
    × ≡ output                2    minershell
    $_ runshell.sh           3    minershell.c
                              4    minershell.dSYM
∨ SHELL_...                   5    output
    > .vscode                 6    running_command.png
    > minershell.dSYM         7    runshell.sh
    > Word_Doc                8
    ≡ minershell
    C minershell.c
    ≡ output
    🖾 running_command.p...
    $_ runshell.sh
```

Appending to Files

```
● ● ●                 📁 shell_complete — minershell ‹ runshell.sh — 86×24
minershell: $ echo THIS IS MY TEXT AND I WANT TO DISPLAY THIS TEXT IN MY FILE > file ]
minershell: $ ▮
```

```
                              file — shell_complete
  C  minershell.c  ●      ≡ files           ≡ file         ×      $_ runshell.sh              🔳  ⬜  ⋯

     ≡ 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.