SHELL
USER MANUAL

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Contents

I. Overview

A. What is Shell?

        [Shell] "Command Prompt is a *command line interpreter* application available in most Windows *operating systems.* Command Prompt is used to execute entered *commands*. Most of those commands are used to automate tasks via scripts and *batch files*, perform advanced administrative functions, and troubleshoot and solve certain kinds of Windows issues. Command Prompt is officially called *Windows Command Processor* but is also sometimes called *the command shell* or *cmd prompt*, or even referred to by its filename *cmd.exe*."

-Fisher T. (2017). Command Prompt: What It Is and How to Use It. Retrieved December 5, 2017 from https://www.lifewire.com/command-prompt-2625840

B. How to use Shell?

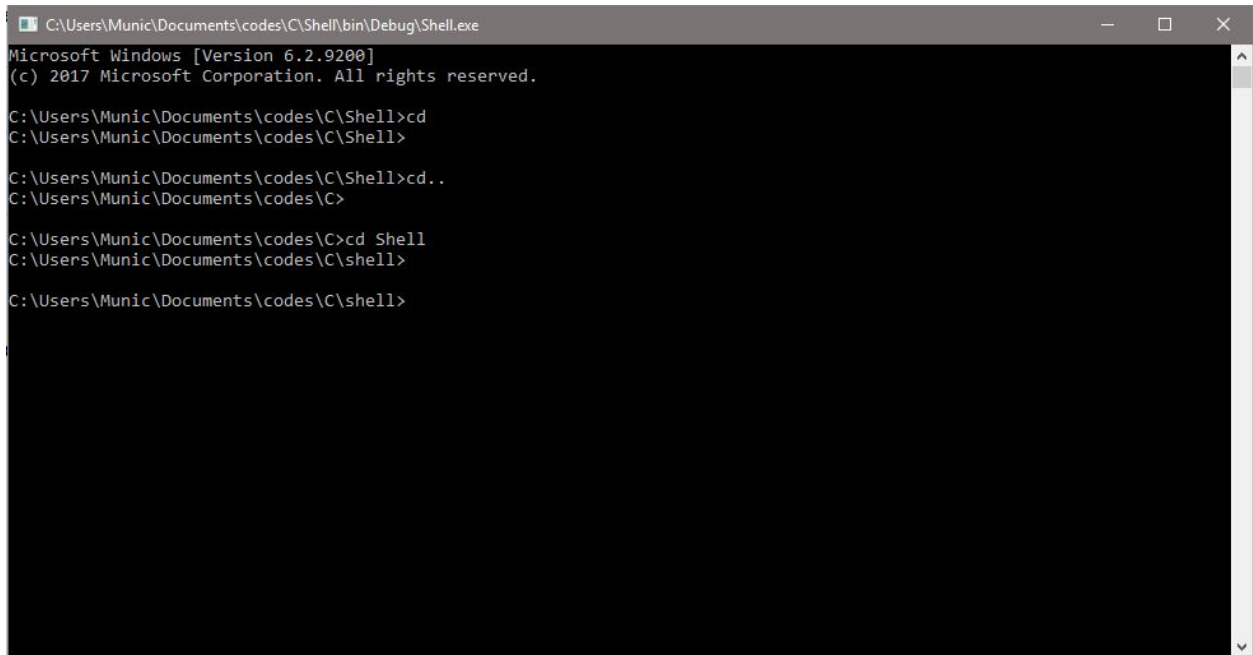Type in the following text in the shell.
[gcc main.c -o main]

        To use Shell, you must enter a valid command along with any optional parameters. The command is case insensitive but we'll use uppercase letters in this manual for consistency.

        Command Prompt then executes the command as entered and performs whatever task or function it's designed to perform in Windows.

II. General Options

A. CD - Displays the name of or changes the current directory.

Syntax: [CD] [filepath]

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C:\Users\Munic\Documents\codes\C\Shell\bin\Debug\Shell.exe                    —    □    ×

Microsoft Windows [Version 6.2.9200]
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C:\Users\Munic\Documents\codes\C\Shell>cd
C:\Users\Munic\Documents\codes\C\Shell>

C:\Users\Munic\Documents\codes\C\Shell>cd..
C:\Users\Munic\Documents\codes\C>

C:\Users\Munic\Documents\codes\C>cd Shell
C:\Users\Munic\Documents\codes\C\shell>

C:\Users\Munic\Documents\codes\C\shell>
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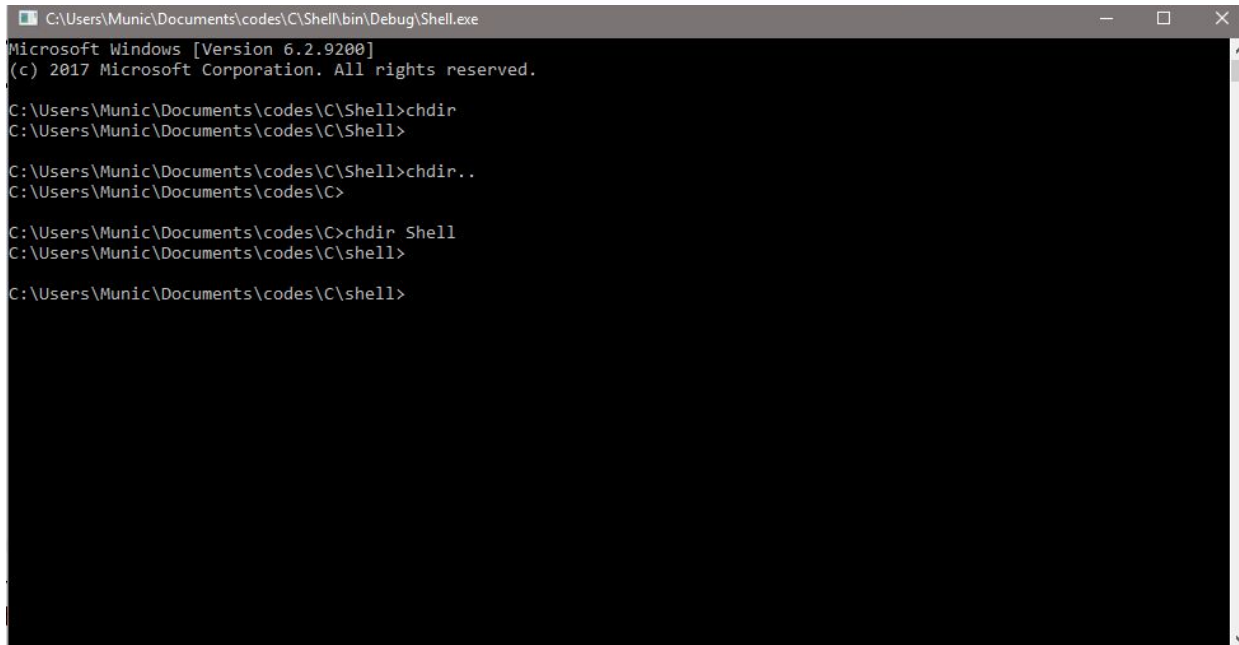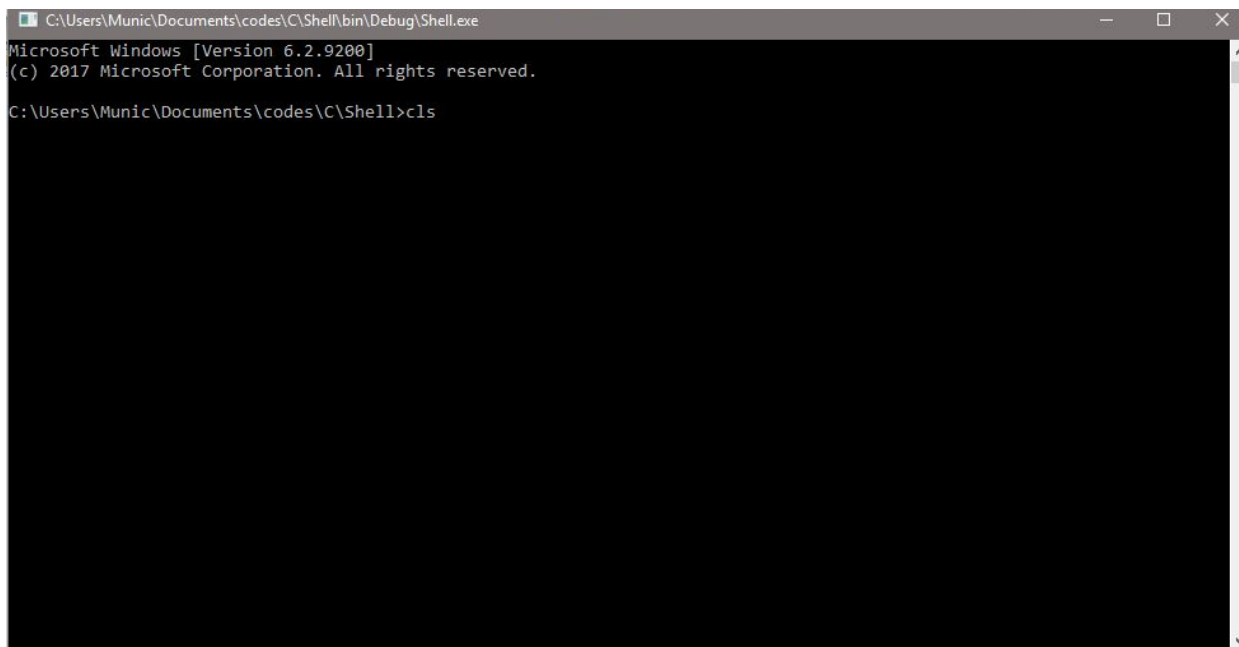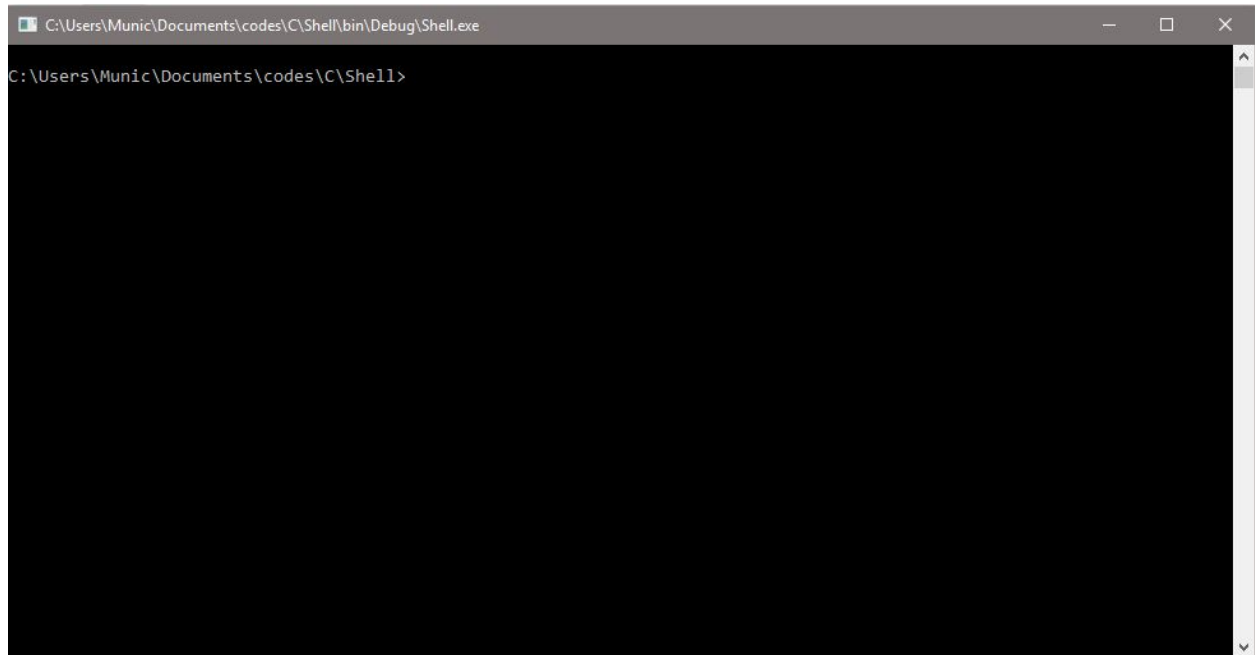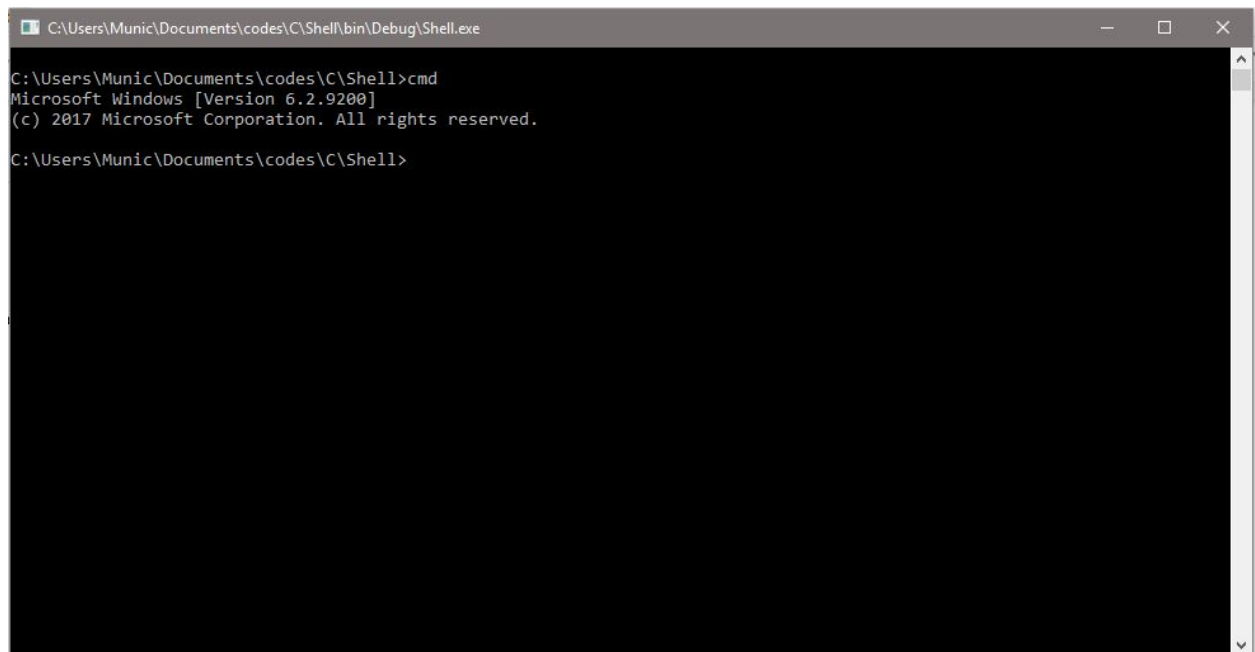
B. CHDIR - Changes the current directory.

Syntax: [CHDIR] [filepath]

C. CLS - Clears the screen.

Syntax: [CLS]

D. CMD - Starts a new instance of the command interpreter.

Syntax: [CMD]

E. COLOR - Sets the default console foreground and background colors.

Syntax: [COLOR] [background] [foreground]

0 = Black	8 = Gray
1 = Blue	9 = Light Blue
2 = Green	A = Light Green
3 = Aqua	B = Light Aqua
4 = Red	C = Light Red
5 = Purple	D = Light Purple
6 = Yellow	E = Light Yellow
7 = White	F = Bright White

F. COPY - Copies one or more files to another location.

Syntax: [COPY] [filepath] [filepath]
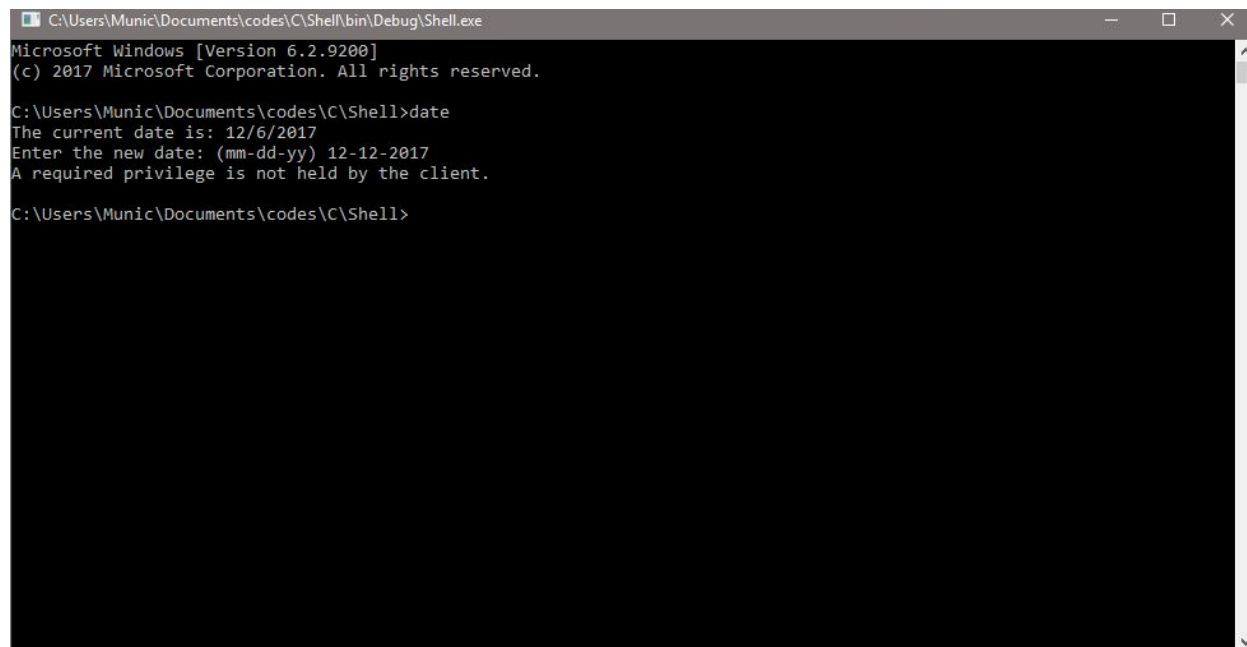
G. DATE - Displays or sets the date.

Syntax: [DATE]

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C:\Users\Munic\Documents\codes\C\Shell>date
The current date is: 12/6/2017
Enter the new date: (mm-dd-yy) 12-12-2017
A required privilege is not held by the client.

C:\Users\Munic\Documents\codes\C\Shell>
```
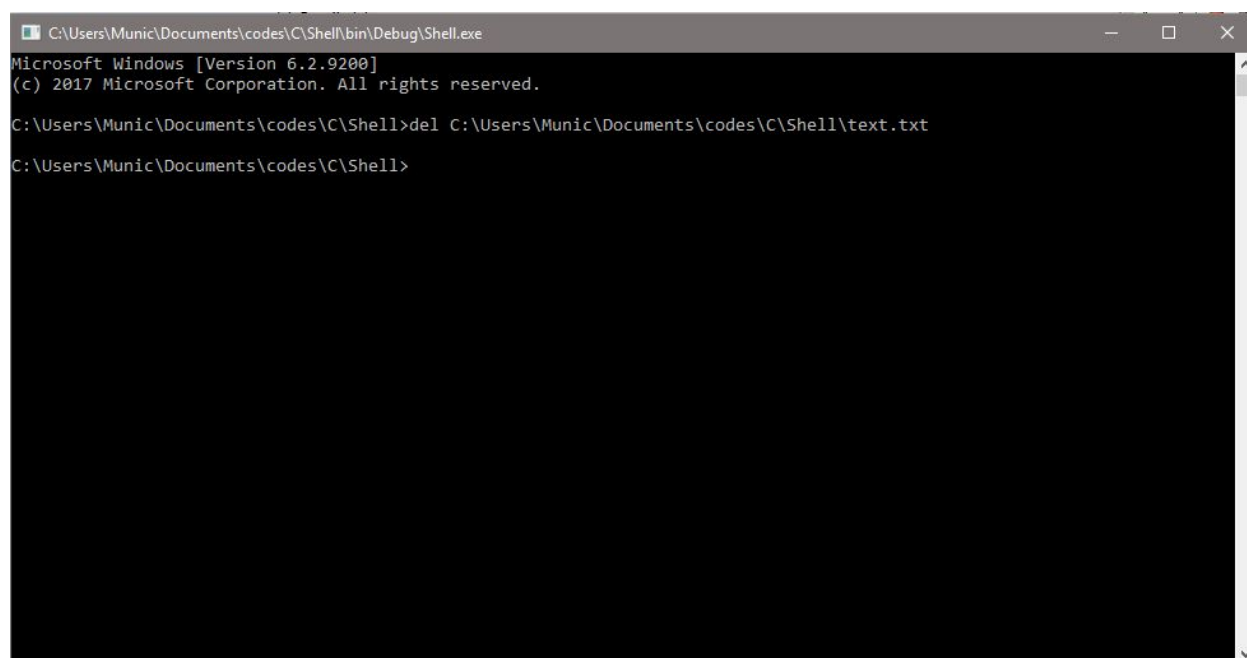
H. DEL - Deletes one or more files.
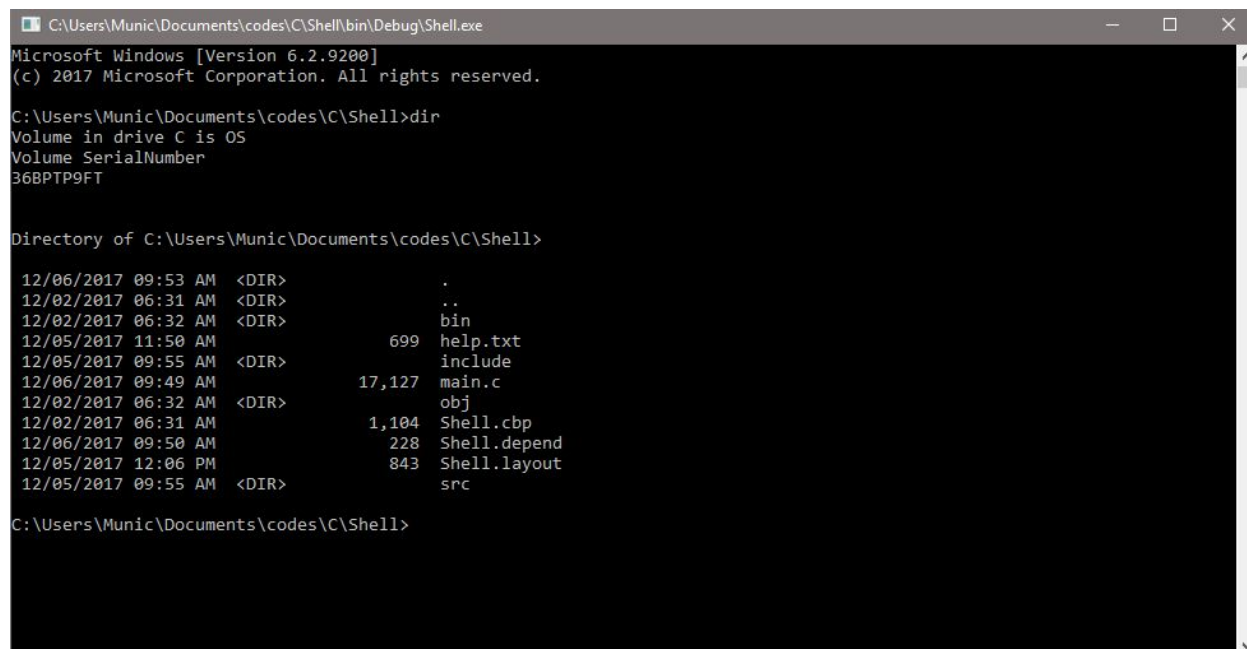Syntax: [DEL] [filepath]

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C:\Users\Munic\Documents\codes\C\Shell\bin\Debug\Shell.exe                                    —    □    ×

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C:\Users\Munic\Documents\codes\C\Shell>del C:\Users\Munic\Documents\codes\C\Shell\text.txt

C:\Users\Munic\Documents\codes\C\Shell>
```
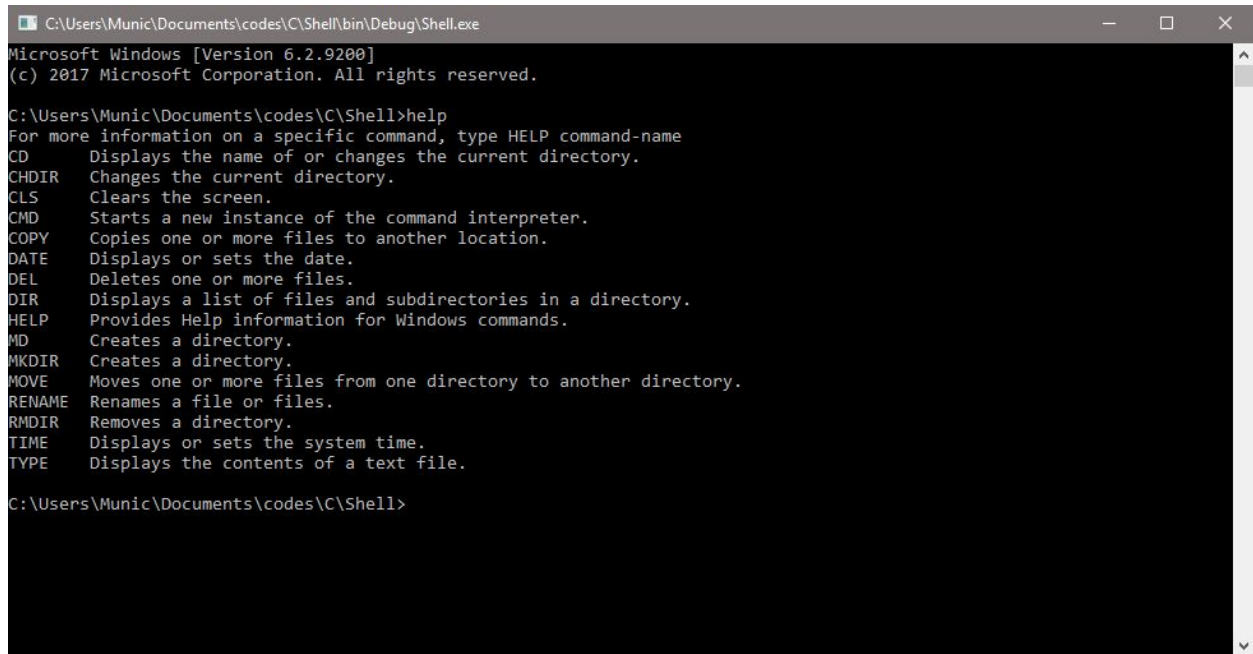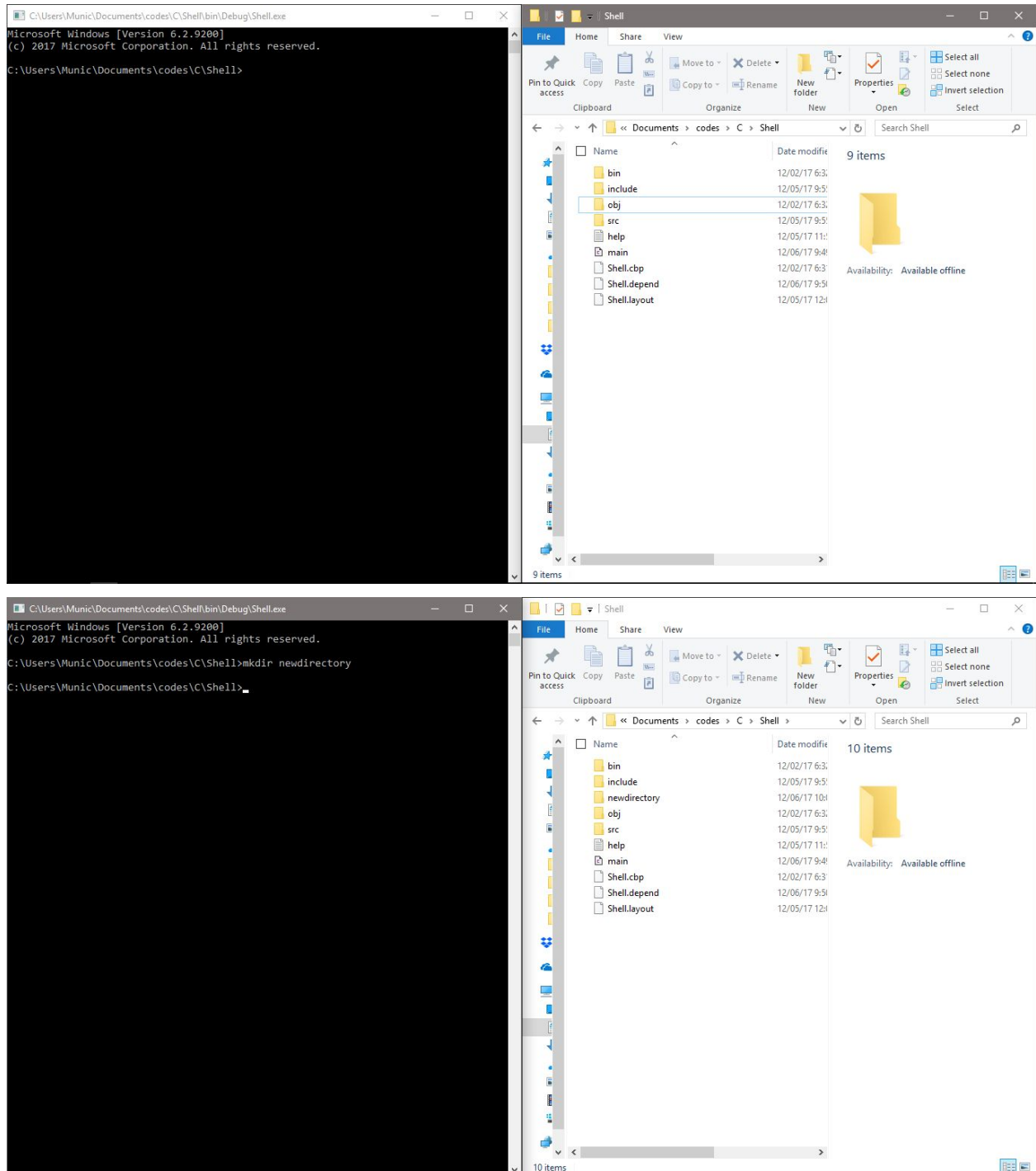
I. DIR - Displays a list of files and subdirectories in a directory.

Syntax: [DIR]
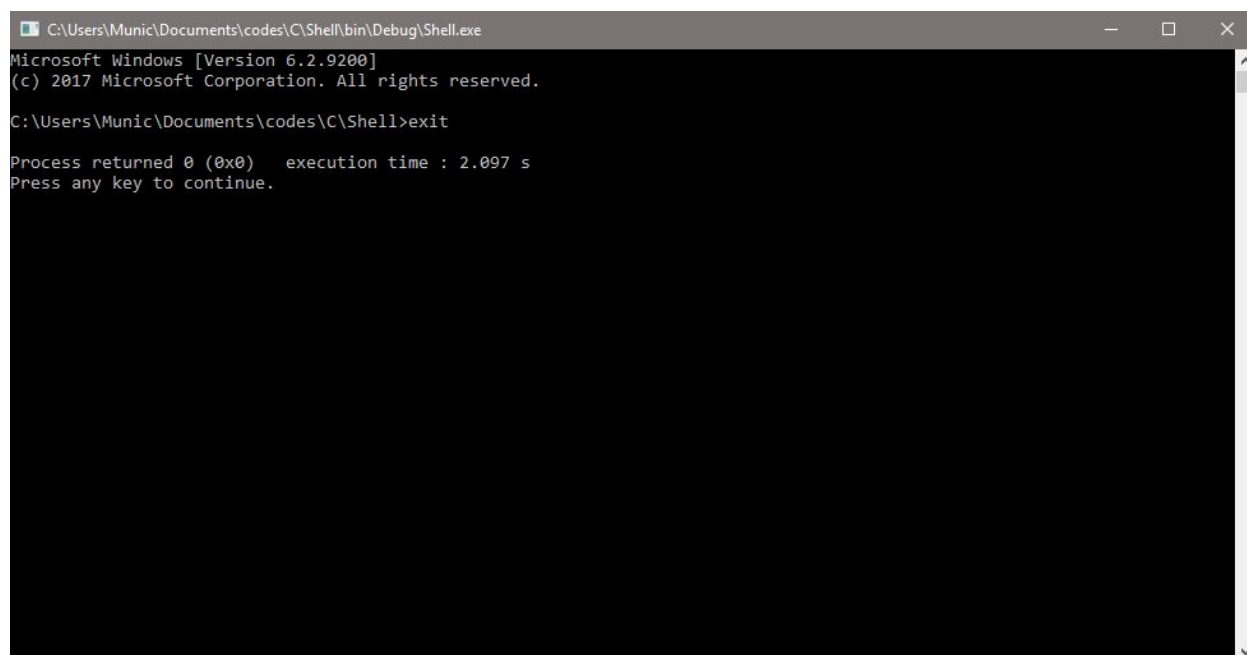
J. EXIT - Closes the Shell

Syntax: [EXIT]

K. HELP - Provides Help information for Windows commands.
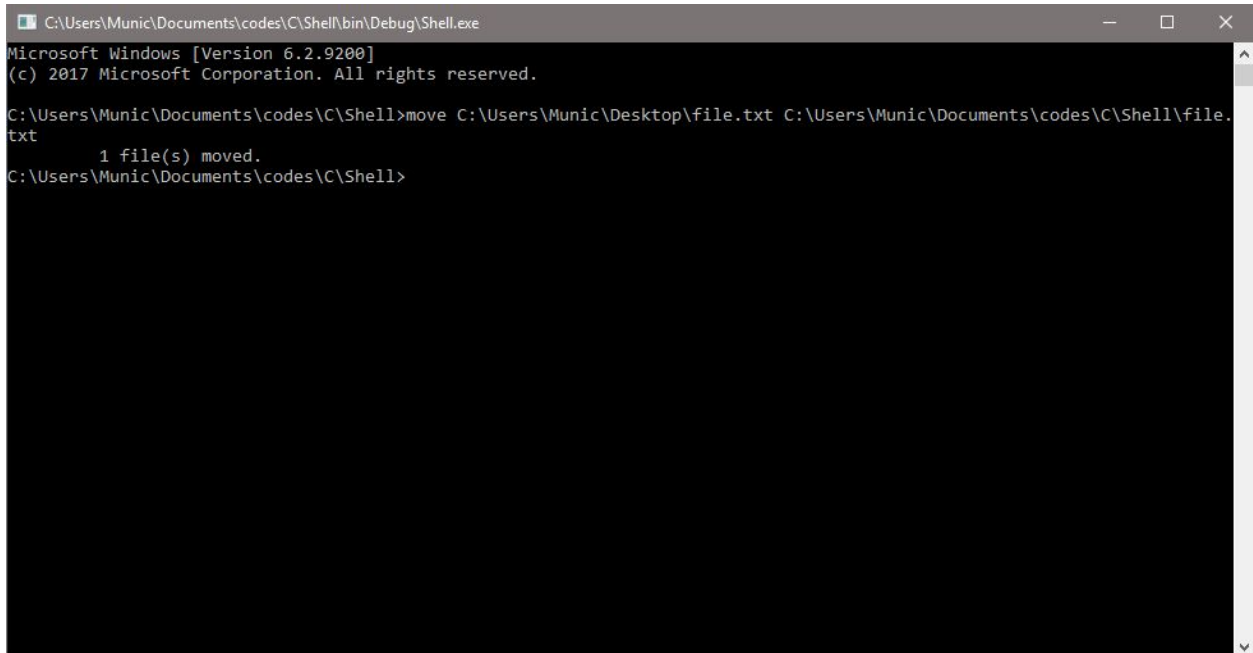
Syntax: [HELP]

L.   MKDIR/MD - Creates a directory.

Syntax: [MKDIR/MD]

M. MOVE - Moves one or more files from one directory to another directory.

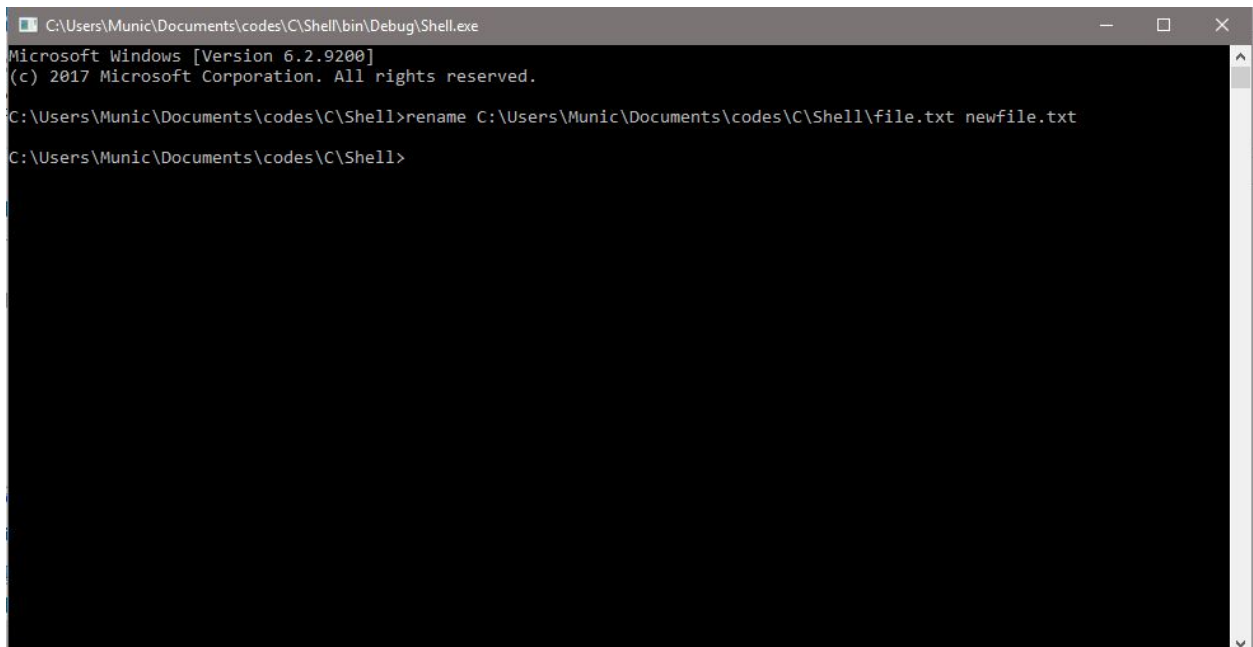Syntax: [MOVE] [filepath] [filepath]

N. RENAME/REN - Renames a file or files.

Syntax: [RENAME/REN] [filepath] [filepath+newName / newName]

O. RMDIR - Removes a directory.

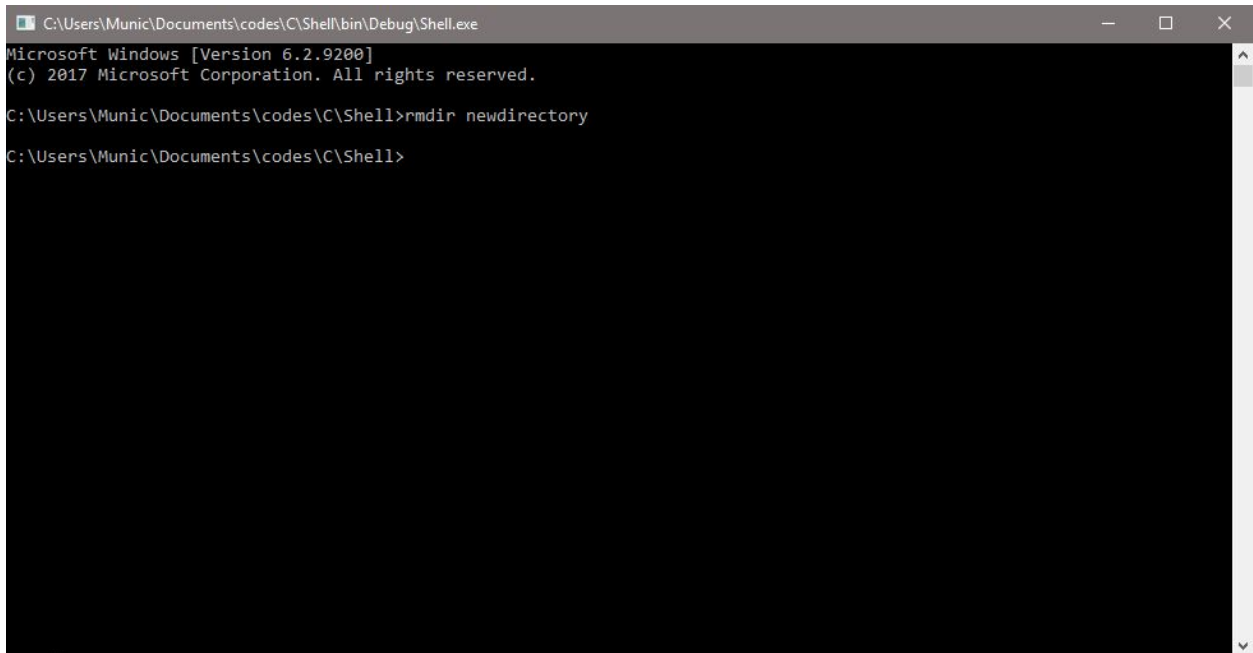Syntax: [RMDIR / RD] [filepath]


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C:\Users\Munic\Documents\codes\C\Shell>rmdir newdirectory

C:\Users\Munic\Documents\codes\C\Shell>
```

P. TIME - Displays or sets the system time.

Syntax: [TIME]
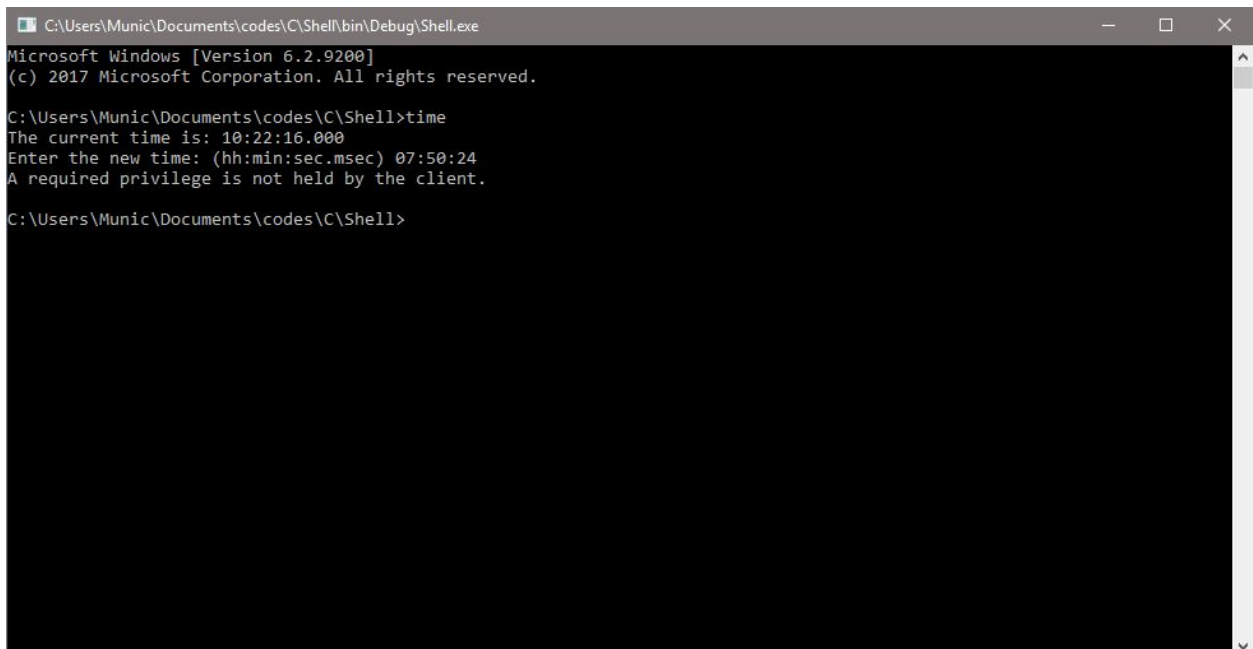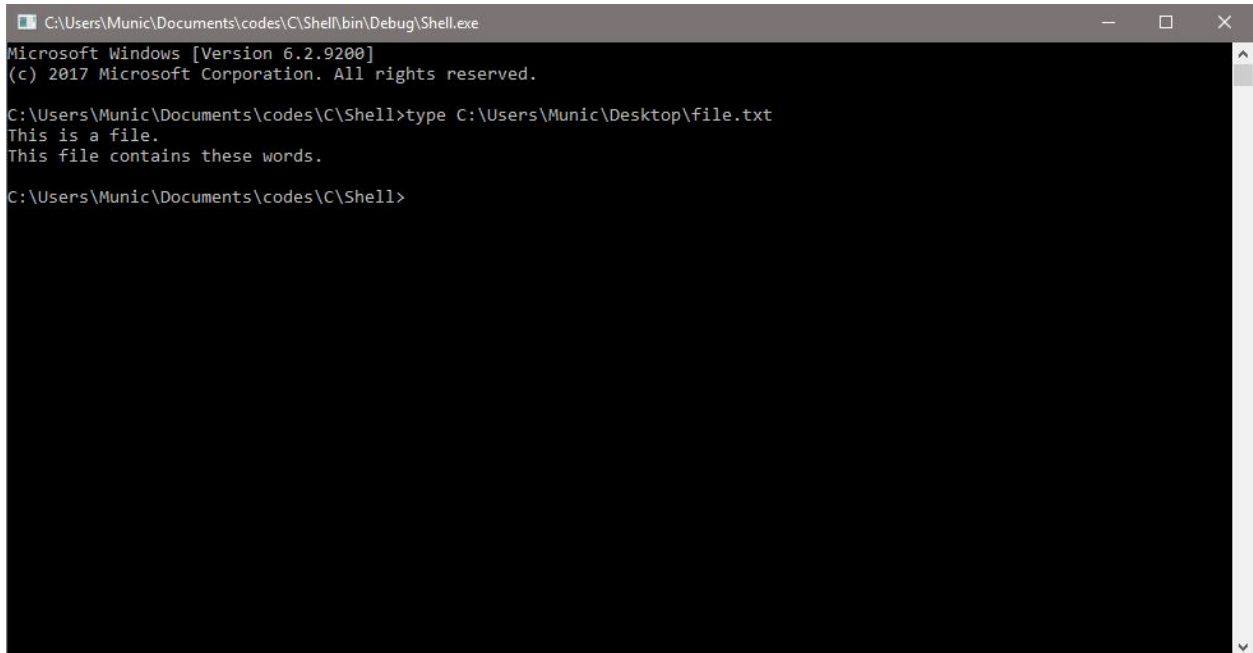


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C:\Users\Munic\Documents\codes\C\Shell>time
The current time is: 10:22:16.000
Enter the new time: (hh:min:sec.msec) 07:50:24
A required privilege is not held by the client.

C:\Users\Munic\Documents\codes\C\Shell>
```

Q. TYPE - Displays the contents of a text file.

Syntax: [TYPE] [filepath]