



# COMMAND LINE BASICS

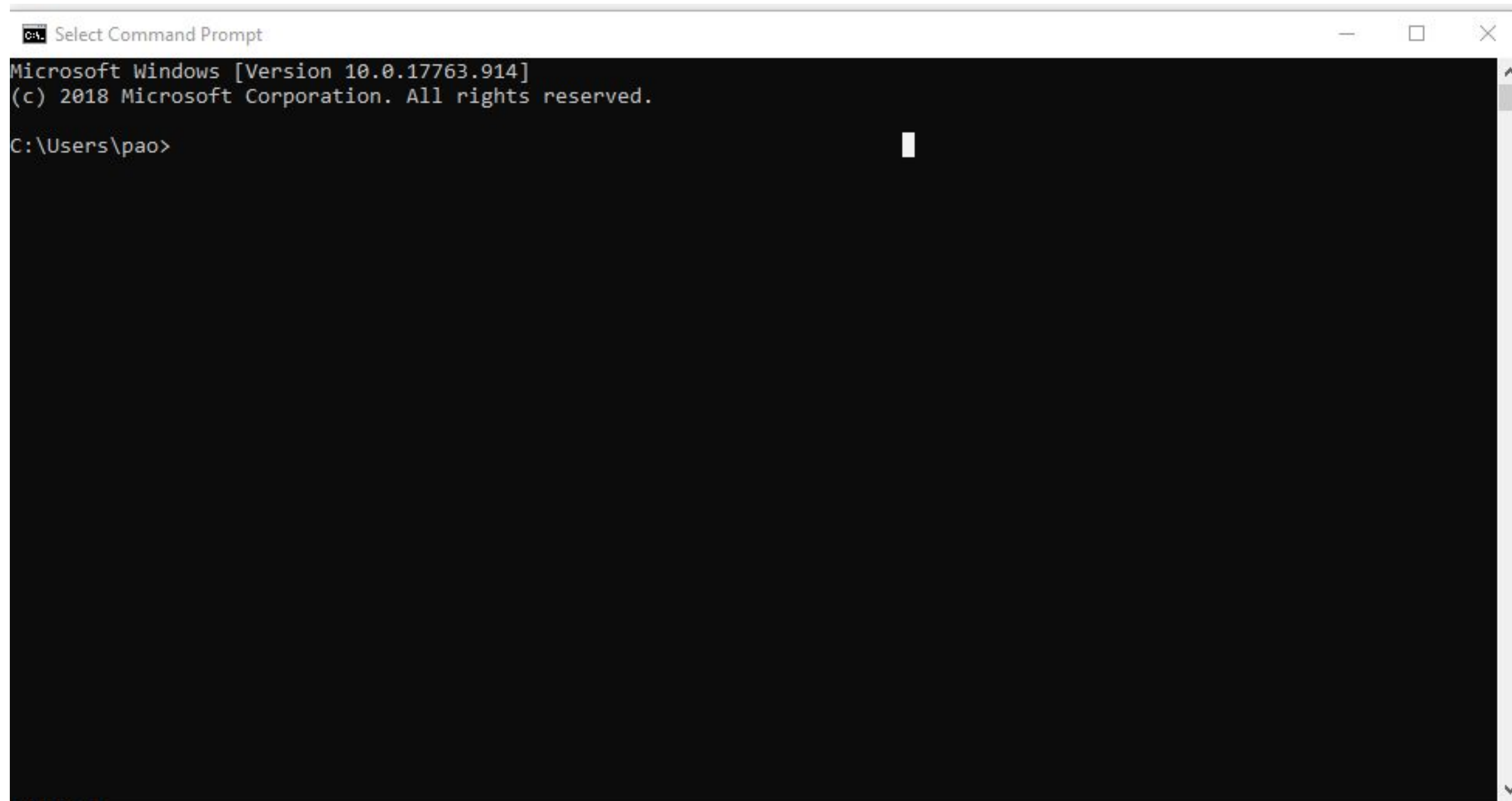


## ACCESSING THE COMMAND LINE (WINDOWS)



# ACCESSING THE COMMAND LINE

1. On the Search bar, type cmd.
2. Click *Command Prompt*.
3. A window like below should pop up:



```
Microsoft Windows [Version 10.0.17763.914]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\pao>
```



# THE COMMAND PROMPT

**Current directory:**  
currently in the *pao*  
directory, which is in  
the *Users* directory,  
which is in the *C:*  
drive

```
Microsoft Windows [Version 10.0.17763.914]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Users\pao>
```



## **IMPORTANT COMMANDS (WINDOWS)**



# IMPORTANT COMMANDS

- **dir** - list all files in current directory
- **cd *directory\_name*** - move into specified directory
- **cd..** - move back a directory
- **mkdir *new\_directory\_name*** - create a new directory
- **move *file\_name destination\_directory*** - move a file to a directory
- **copy *file\_name destination\_directory*** - copy a file to a directory
- **rename *new\_file\_name old\_file\_name*** - rename a file
- **del *file\_name*** - deleting a file
- **rmdir *directory\_name*** - deleting a directory



## **RUNNING EXECUTABLES (WINDOWS)**



# WINDOWS EXECUTABLES

- file used to perform operations in a computer
- has a **.exe** file extension
- can be run in command prompt by calling its filename
- Example:
- executable filename: *operation.exe*
- typing *operation* on the command prompt runs the *operation.exe* program





## ACCESSING THE COMMAND LINE (MAC)



# ACCESSING THE COMMAND LINE

1. On the Search bar, type Terminal.
2. Click *Terminal*.
3. A window like below should pop up:

```
Documents — -bash — 80x24
Last login: Wed Oct 17 18:13:08 on ttys000
[MacBook-Pro-9:~ helloigor$ cd ~/Documents
MacBook-Pro-9:Documents helloigor$
```

# THE TERMINAL



**Current directory:**  
currently in the  
*helloigor* directory,  
which is in the  
*Users* directory,  
which is in the  
*Macbook-Pro-9*  
drive

```
Documents — -bash — 80x24
Last login: Wed Oct 17 18:13:08 on ttys000
[MacBook-Pro-9:~ helloigor$ cd ~/Documents
MacBook-Pro-9:Documents helloigor$
```



## IMPORTANT COMMANDS (MAC)



# IMPORTANT COMMANDS

- `~` - get your home directory
- `pwd` - states you present working directory
- `ls` - list files and directories of present working directory
- `cd directory_name` - move into specified directory
- `cd..` - move back a directory
- `mkdir new_directory_name` - create a new directory
- `mv file_name destination_directory` - move a file to a directory
- `mv file_name new_file_name` - rename a file
- `cp file_name destination_directory` - copy a file to a directory
- `rm file_name/directory_name` - deleting a file/directory



## **RUNNING EXECUTABLES (MAC)**



# MAC EXECUTABLES

- file used to perform operations in a computer
- has a **.pkg** file extension
- can be run in the terminal by calling its filename
- Example:
- executable filename: *operation.pkg*
- typing *./operation* on the terminal runs the *operation.pkg* program



# COMMAND LINE BASICS