```
(base) C:\Users\bball>conda info --envs
# conda environments:
#
base                  *  C:\Users\bball\miniconda3
cling                    C:\Users\bball\miniconda3\envs\cling
encoding_langs           C:\Users\bball\miniconda3\envs\encoding_langs
intro_deep_learning      C:\Users\bball\miniconda3\envs\intro_deep_learning
visualization_plotting_practice
C:\Users\bball\miniconda3\envs\visualization_plotting_practice


(base) C:\Users\bball>cd C:\David\my_repos_dwb\visualization_portfolio\higgs_boson

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is AE3F-8272

 Directory of C:\David\my_repos_dwb\visualization_portfolio\higgs_boson

03/05/2023  05:35 PM    <DIR>          .
03/05/2023  05:35 PM    <DIR>          ..
03/05/2023  05:35 PM                 0 .gitignore
03/05/2023  05:29 PM                17 README.md
               2 File(s)             17 bytes
               2 Dir(s)  60,089,561,088 bytes free

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>date /t
Sun 03/05/2023

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>time /t
07:47 PM

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>echo %date%
Sun 03/05/2023

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>echo %time%
19:47:38.47

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>tzutil /g
Mountain Standard Time
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]
  [Daylight Name:"Mountain Daylight Time" Bias:-60min Date:(M:3 D:2 DoW:0)]

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz | cmd /q /v:on
/c "set/p .=&echo(!.!"
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: strange way to
extract first line, but whatever.
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>set "N_FIRST_LINES=2"

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>echo %N_FIRST_LINES%
2
```

```
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz | cmd /q /v:on
/c "set/p .=&echo(!.!" > temp.txt && for /l %l in (1,1,%N_FIRST_LINES%) do @for /f
"tokens=* delims=:" %a in ('findstr /n /r "^" temp.txt ^| findstr /r "^%l:"') do @echo %a
1:Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>echo %n_first_lines%
2

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: Oops, I was only
writing one line to temp.txt
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz > temp.txt &&
for /l %l in (1,1,%N_FIRST_LINES%) do @for /f "tokens=1,* delims=:" %a in ('findstr /n /r
"^" temp.txt ^| findstr /r "^%l:"') do @echo %b
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz > temp.txt &&
for /l %l in (1,1,%N_FIRST_LINES%) do @for /f "tokens=* delims=:" %a in ('findstr /n /r
"^" temp.txt ^| findstr /r "^%l:"') do @echo %a
1:Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
2:  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]
  [Daylight Name:"Mountain Daylight Time" Bias:-60min Date:(M:3 D:2 DoW:0)]

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base)
C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:::::::::::::::::::::::::::::::::::
:::::::::1
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: SO, to do one line,
I can do either
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz | cmd /q /v:on
/c "set/p .=&echo(!.!"
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: OR
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>set "N_FIRST_LINES=1"

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz > temp.txt &&
for /l %l in (1,1,%N_FIRST_LINES%) do @for /f "tokens=1,* delims=:" %a in ('findstr /n /r
"^" temp.txt ^| findstr /r "^%l:"') do @echo %b
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: try
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>::(w32tm /tz > temp.txt
&& for /l %l in (1,1,%N_FIRST_LINES%) do @for /f "tokens=1,* delims=:" %a in ('findstr /n
/r "^" temp.txt ^| findstr /r "^%l:"') do @echo %b) && del /q temp.txt



(base) C:\Users\bball>(w32tm /tz > temp.txt && for /l %l in (2,2,2) do @for /f
"tokens=1,* delims=:" %a in ('findstr /n /r "^" temp.txt ^| findstr /r "^%l:"') do @echo
%b) && del temp.txt
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]
```

```
(base) C:\Users\bball>(w32tm /tz > temp.txt && for /l %l in (3,3,3) do @for /f
"tokens=1,* delims=:" %a in ('findstr /n /r "^^" temp.txt ^| findstr /r "^%l:"') do @echo
%b) && del temp.txt
  [Daylight Name:"Mountain Daylight Time" Bias:-60min Date:(M:3 D:2 DoW:0)]




(base) C:\Users\bball>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is AE3F-8272

 Directory of C:\David\my_repos_dwb\visualization_portfolio\higgs_boson

03/05/2023  08:04 PM    <DIR>          .
03/05/2023  08:04 PM    <DIR>          ..
03/05/2023  05:35 PM                 0 .gitignore
03/05/2023  05:29 PM                17 README.md
03/05/2023  08:13 PM               229 temp.txt
               3 File(s)            246 bytes
               2 Dir(s)  60,077,219,840 bytes free

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>del /q temp.txt

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: try
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>(w32tm /tz > temp.txt &&
for /l %l in (1,1,%N_FIRST_LINES%) do @for /f "tokens=1,* delims=:" %a in ('findstr /n /r
"^^" temp.txt ^| findstr /r "^%l:"') do @echo %b) && del /q temp.txt
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: ^ That's the second
way
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: But for the first 2
lines, I need
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>set "N_FIRST_LINES=2"

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz > temp.txt &&
for /l %l in (1,1,%N_FIRST_LINES%) do @for /f "tokens=1,* delims=:" %a in ('findstr /n /r
"^^" temp.txt ^| findstr /r "^%l:"') do @echo %b
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: try
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>::(w32tm /tz > temp.txt
&& for /l %l in (1,1,%N_FIRST_LINES%) do @for /f "tokens=1,* delims=:" %a in ('findstr /n
/r "^^" temp.txt ^| findstr /r "^%l:"') do @echo %b) && del /q temp.txt
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: Quick try at lines 1
and 3.
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz > temp.txt &&
for /l %l in (1,2,3) do @for /f "tokens=1,* delims=:" %a in ('findstr /n /r "^^" temp.txt
^| findstr /r "^%l:"') do @echo %b
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Daylight Name:"Mountain Daylight Time" Bias:-60min Date:(M:3 D:2 DoW:0)]

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: try
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>::(w32tm /tz > temp.txt
&& for /l %l in (1,2,3) do @for /f "tokens=1,* delims=:" %a in ('findstr /n /r "^^"
temp.txt ^| findstr /r "^%l:"') do @echo %b) && del /q temp.txt
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: Wow, it worked!
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: Anyway, for me ...
```

```
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>w32tm /tz | cmd /q /v:on
/c "set/p .=&echo(!.!"
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>:: Quick reminder:
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>::
https://en.wikipedia.org/wiki/Escape_character#Windows_Command_Prompt
(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>for /f "usebackq
tokens=*" %a in (`w32tm /tz ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined
TZ_INFO set TZ_INFO=%a

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>echo %TZ_INFO%
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>for /f "usebackq
tokens=*" %a in (`w32tm /tz ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined
TZ_INFO set TZ_INFO=%a && echo abcdefg

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>(for /f "usebackq
tokens=*" %a in (`w32tm /tz ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined
TZ_INFO set TZ_INFO=%a) && echo abcdefg
abcdefg

(base) C:\David\my_repos_dwb\visualization_portfolio\higgs_boson>(for /f "usebackq
tokens=*" %a in (`w32tm /tz ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined
TZ_INFO set TZ_INFO=%a) && echo off && for /f "tokens=*" %i in ('tzutil /g') do echo
%date% %time% "%i" %TZ_INFO%
Sun 03/05/2023 20:43:12.12 "Mountain Standard Time" Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)

:: doesn't continue on (no next prompt). try
(base) C:\Users\bball>(set TZ_INFO=) && (for /f "usebackq tokens=*" %a in (`w32tm /tz ^|
cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set "TZ_INFO=%a") &&
(echo() && (for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i"
"%TZ_INFO%")

"Sun 03/05/2023" "21:01:52.43" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)"

(base) C:\Users\bball>(set TZ_INFO=) && (set LOCALE_INFO=) && (for /f "usebackq tokens=*"
%a in (`w32tm /tz ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set
"TZ_INFO=%a") && (for /f "usebackq tokens=*" %k in (`systeminfo ^| findstr ";" ^| cmd /q
/v:on /c "set/p .=&echo(!.!"`) do @if not defined LOCALE_INFO set "LOCALE_INFO=%k") &&
(echo() && (for /f "tokens=*" %n in ('tzutil /g') do @echo "%date%" "%time%" "%n"
"%TZ_INFO%" "%LOCALE_INFO%")

"Sun 03/05/2023" "22:52:39.22" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)" "System Locale:
en-us;English (United States)"

(base) C:\Users\bball>


(set TZ_INFO_1=) && (set TZ_INFO_2=) && (set TZ_INFO_3=) && (set LOCALE_INFO=) && (for /f
"usebackq tokens=*" %a in (`w32tm /tz ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not
defined TZ_INFO_1 set "TZ_INFO_1=%a") && (for /f "usebackq tokens=*" %e in (`w32tm /tz >
temp.txt && for /l %l in (3,3,3) do @for /f "tokens=1,* delims=:" %a in ('findstr /n /r
"^" temp.txt ^| findstr /r "^%l:"') do @echo %b`) do @if not defined TZ_INFO_2 set
"TZ_INFO_2=%e") && (del temp.txt) && (for /f "usebackq tokens=*" %k in (`systeminfo ^|
```

```
findstr ";" ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined LOCALE_INFO set
"LOCALE_INFO=%k") && (echo() && (for /f "tokens=*" %n in ('tzutil /g') do @echo "%date%"
"%time%" "%n" "%TZ_INFO%" "%LOCALE_INFO%")
```


```
(base) C:\Users\bball>(set TZ_INFO=) && (set LOCALE_INFO=) && (for /f "usebackq tokens=*"
%a in (`w32tm /tz ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set
"TZ_INFO=%a") && (echo( > nul) && (for /f "usebackq tokens=*" %k in (`systeminfo ^|
findstr ";" ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined LOCALE_INFO set
"LOCALE_INFO=%k") && (echo() && (for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%"
"%time%" "%i" "%TZ_INFO%" "%LOCALE_INFO%") && (echo() && (w32tm /tz)
```

```
"Sun 03/05/2023" "23:19:40.52" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)" "System Locale:
en-us;English (United States)"

Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]
  [Daylight Name:"Mountain Daylight Time" Bias:-60min Date:(M:3 D:2 DoW:0)]

(base) C:\Users\bball>
```

:::::::BEST:::::::

```
(base) C:\Users\bball>(set LOCALE_INFO=) && (echo( > nul) && (for /f "usebackq
tokens=*" %k in (`systeminfo ^| findstr ";" ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do
@if not defined LOCALE_INFO set "LOCALE_INFO=%k") && (echo() && (for /f "tokens=*" %i in
('tzutil /g') do @echo "%date%" "%time%" "%i" "%LOCALE_INFO%") && (echo() && (w32tm /tz)
```

```
"Sun 03/05/2023" "23:21:21.07" "Mountain Standard Time" "System Locale:          en-
us;English (United States)"

Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]
  [Daylight Name:"Mountain Daylight Time" Bias:-60min Date:(M:3 D:2 DoW:0)]

(base) C:\Users\bball>
```
```
(base) C:\Users\bball>powershell -c (Get-Date -UFormat "%s_%Y%m%dT%H%M%S%Z00") -replace
'[.][0-9]{5}_', '_'
1678060275_20230305T235115-0700
```


```
:: https://serverfault.com/questions/469053/how-to-extract-command-line-output-into-a-
variable
:: https://serverfault.com/questions/490841/how-to-display-the-first-n-lines-of-a-
command-output-in-windows-the-equivalent
:: https://superuser.com/a/815988/908741  :: answer on
https://superuser.com/questions/815977/writing-only-first-line-of-the-command-output-in-
windows-cmd-to-a-file
:: https://en.wikipedia.org/wiki/Escape_character#Windows_Command_Prompt
:: https://ss64.com/nt/syntax-brackets.html
::
:: https://stackoverflow.com/a/30270029/6505499  ::
https://stackoverflow.com/questions/30269913/running-multiple-commands-in-a-single-line-
of-for-f
:: https://stackoverflow.com/questions/43432492/save-multiple-tokens-from-a-command-
output-using-for-f
```

```
::
https://renenyffenegger.ch/notes/Windows/dirs/Windows/System32/cmd_exe/commands/for/f/tok
ens
:: https://ss64.com/nt/for_f.html
:: #good# https://superuser.com/questions/1302362/how-to-display-current-windows-os-date-
time-and-timezone-in-cli
:: https://superuser.com/questions/1460526/get-timezone-from-windows-command-line
:: https://woshub.com/how-to-set-timezone-from-command-prompt-in-windows/
::
:: https://stackoverflow.com/a/19799236/6505499 :: best?
:: https://stackoverflow.com/a/4584577/6505499
::
:: https://serverfault.com/a/888387/472971
::
:: https://serverfault.com/questions/173630/how-to-get-system-locale-in-windows-7-cmd
:: https://stackoverflow.com/a/6028937/6505499
::
::
:: https://learn.microsoft.com/en-
us/powershell/module/microsoft.powershell.core/about/about_comparison_operators?view=powe
rshell-7.3#replacement-operator
:: https://learn.microsoft.com/en-us/powershell/module/microsoft.powershell.utility/get-
date?view=powershell-7.3
::




:: FORGET BELOW, MOSTLY ::


(base) C:\Users\bball>echo %TZ_INFO%
%TZ_INFO%

(base) C:\Users\bball>for /f "tokens=*" %i in ('tzutil /g') do echo "%date%" "%time%"
"%i"

(base) C:\Users\bball>echo "Sun 03/05/2023" "20:50:49.00" "Mountain Standard Time"
"Sun 03/05/2023" "20:50:49.00" "Mountain Standard Time"

(base) C:\Users\bball>(for /f "usebackq tokens=*" %a in (`w32tm /tz ^| cmd /q /v:on /c
"set/p .=&echo(!.!"`) do @if not defined TZ_INFO set TZ_INFO=%a) && (for /f "tokens=*" %i
in ('tzutil /g') do @echo "%date%" "%time%" "%i" "%TZ_INFO%")
"Sun 03/05/2023" "20:51:40.25" "Mountain Standard Time" "%TZ_INFO%"

(base) C:\Users\bball>for /f "usebackq tokens=*" %a in (`w32tm /tz ^| cmd /q /v:on /c
"set/p .=&echo(!.!"`) do @if not defined TZ_INFO set TZ_INFO=%a

(base) C:\Users\bball>echo %TZ_INFO%
Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)

(base) C:\Users\bball>(for /f "usebackq tokens=*" %a in (`w32tm /tz ^| cmd /q /v:on /c
"set/p .=&echo(!.!"`) do @if not defined TZ_INFO set TZ_INFO=%a) && (for /f "tokens=*" %i
in ('tzutil /g') do @echo "%date%" "%time%" "%i" "%TZ_INFO%")
"Sun 03/05/2023" "20:52:50.39" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)"

(base) C:\Users\bball>set "TZ_INFO='''"

(base) C:\Users\bball>echo %TZ_INFO%
'''
```

```
(base) C:\Users\bball>set "TZ_INFO="

(base) C:\Users\bball>echo %TZ_INFO%
%TZ_INFO%

(base) C:\Users\bball>(set TZ_INFO=) && (for /f "usebackq tokens=*" %a in (`w32tm /tz ^|
cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set "TZ_INFO=%a") &&
(for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i" "%TZ_INFO%")
"Sun 03/05/2023" "20:57:44.86" "Mountain Standard Time" "%TZ_INFO%"

(base) C:\Users\bball>(set TZ_INFO=) && (for /f "usebackq tokens=*" %a in (`w32tm /tz ^|
cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set "TZ_INFO=%a") &&
(for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i" "%TZ_INFO%")
"Sun 03/05/2023" "20:57:51.48" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)"

(base) C:\Users\bball>(set TZ_INFO=) && (for /f "usebackq tokens=*" %a in (`w32tm /tz ^|
cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set "TZ_INFO=%a") &&
(for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i" "%TZ_INFO%" > nul)
&& (for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i" "%TZ_INFO%")
"Sun 03/05/2023" "20:59:00.80" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)"

(base) C:\Users\bball>
(base) C:\Users\bball>
(base) C:\Users\bball>
(base) C:\Users\bball>(set TZ_INFO=) && (for /f "usebackq tokens=*" %a in (`w32tm /tz ^|
cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set "TZ_INFO=%a") &&
(for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i" "%TZ_INFO%" > nul)
&& (for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i" "%TZ_INFO%")
"Sun 03/05/2023" "20:59:16.39" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)"

(base) C:\Users\bball>(set TZ_INFO=) && (for /f "usebackq tokens=*" %a in (`w32tm /tz ^|
cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set "TZ_INFO=%a") &&
(echo > nul) && (for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i"
"%TZ_INFO%")
"Sun 03/05/2023" "21:01:10.14" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)"

(base) C:\Users\bball>echo \n
\n

(base) C:\Users\bball>echo(


(base) C:\Users\bball>(set TZ_INFO=) && (for /f "usebackq tokens=*" %a in (`w32tm /tz ^|
cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not defined TZ_INFO set "TZ_INFO=%a") &&
(echo() && (for /f "tokens=*" %i in ('tzutil /g') do @echo "%date%" "%time%" "%i"
"%TZ_INFO%")

"Sun 03/05/2023" "21:01:52.43" "Mountain Standard Time" "Time zone:
Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)"

(base) C:\Users\bball>systeminfo | findstr  /C:"Time Zone"
Time Zone:                 (UTC-07:00) Mountain Time (US & Canada)

(base) C:\Users\bball>systeminfo | findstr  /C:"Date"
Original Install Date:     6/4/2021, 11:43:22 AM

(base) C:\Users\bball>systeminfo | findstr  /C:"Time"
System Boot Time:          2/16/2023, 2:42:25 PM
Time Zone:                 (UTC-07:00) Mountain Time (US & Canada)
```

```
(base) C:\Users\bball>powershell -command "get-date -uformat '%Z'"
-07

(base) C:\Users\bball>get-date
'get-date' is not recognized as an internal or external command,
operable program or batch file.

(base) C:\Users\bball>
```

```
##  Note, everything works for the instructions with the face model,
##+ except I need to do `conda ...` instead of `source ...`, then
##+ follow directions from
##+ ref="https://superuser.com/questions/1709297/is-there-windows-copy-command-that-
mimic-unix-cp-r-behavior"
##+
archived_ref="https://web.archive.org/web/20230307044617/https://superuser.com/questions/
1709297/is-there-windows-copy-command-that-mimic-unix-cp-r-behavior"
##
##+ either (e.g.)
##+  >robocopy /E c:\libsrc\include d:\temp\dest\include
##+    OR
##+  >xcopy /E /I /H c:\libsrc\include d:\temp\dest\include
##+
##+ Note that the copied-to path needs to have the directory name,
##+ unlike UNIX-type
##+ Also, it seems `xcopy` is deprecated and might be removed, soon.
##
##
##+ BETTER (same example for e.g., not it _is_ like UNIX-type
##+
##+  >powershell -c cp -r c:\libsrc\include d:\temp\dest
##+
##+ which is an alias for
##+
##+  >powershell -c Copy-Item -Recurse -Path c:\libsrc\include -Destination d:\temp\dest
```

```
##  Done for tonight. Let's see the time (just 1/2 hr. off the original goal
##+ time for sleep, but with the lappy not charging and shutting off twice,
##+ I consider it okay to go a little longer to have things saved.
```

```
(base) C:\Users\bball>::  Has all information needed for unique timestamp
(base) C:\Users\bball>::+ (though some work will need to be done).
(base) C:\Users\bball>(set LOCALE_INFO=) && (echo( > nul) && (for /f "usebackq tokens=*"
%k in (`systeminfo ^| findstr ";" ^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not
defined LOCALE_INFO set "LOCALE_INFO=%k") && (echo() && (for /f "tokens=*" %i in ('tzutil
/g') do @echo "%date%" "%time%" "%i" "%LOCALE_INFO%") && (echo() && (w32tm /tz)

"Mon 03/06/2023" "22:06:04.42" "Mountain Standard Time" "%LOCALE_INFO%"

Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]
  [Daylight Name:"Mountain Daylight Time" Bias:-60min Date:(M:3 D:2 DoW:0)]
```

```
(base) C:\Users\bball>(set LOCALE_INFO=) && (echo( > nul) && (for /f "usebackq tokens=*"
%k in (`systeminfo ^| findstr ";"^| cmd /q /v:on /c "set/p .=&echo(!.!"`) do @if not
defined LOCALE_INFO set "LOCALE_INFO=%k") && (echo() && (for /f "tokens=*" %i in ('tzutil
/g') do @echo "%date%" "%time%" "%i" "%LOCALE_INFO%") && (echo() && (w32tm /tz)

"Mon 03/06/2023" "22:06:18.64" "Mountain Standard Time" "System Locale:        en-
us;English (United States)"

Time zone: Current:TIME_ZONE_ID_STANDARD Bias: 420min (UTC=LocalTime+Bias)
  [Standard Name:"Mountain Standard Time" Bias:0min Date:(M:11 D:1 DoW:0)]
  [Daylight Name:"Mountain Daylight Time" Bias:-60min Date:(M:3 D:2 DoW:0)]

(base) C:\Users\bball>::  It made me do it twice; the `echo(` didn't get the stuff reset
as before.
(base) C:\Users\bball>
(base) C:\Users\bball>
(base) C:\Users\bball>::  BETTER ANYWAY, IN JUST ABOUT EVERY WAY:
(base) C:\Users\bball>powershell -c (Get-Date -UFormat "%s_%Y%m%dT%H%M%S%Z00") -replace
'[.][0-9]{5}_', '_'
1678140467_20230306T220747-0700

(base) C:\Users\bball>::  There we go - the kind of timestamp I like to see!
(base) C:\Users\bball>
```