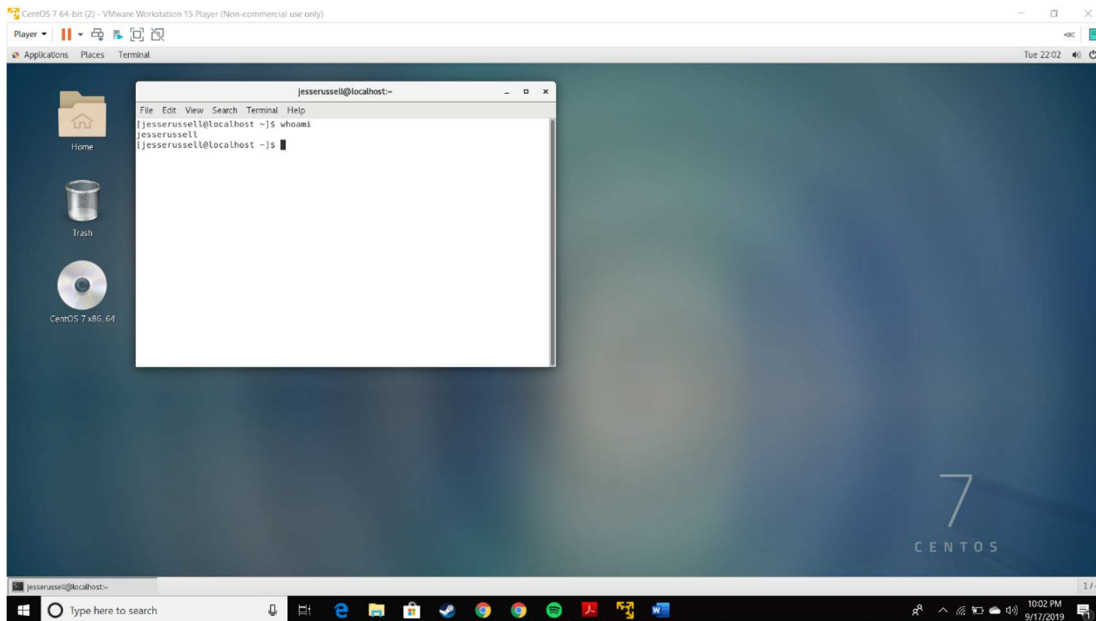


## Assignment 2: CLI

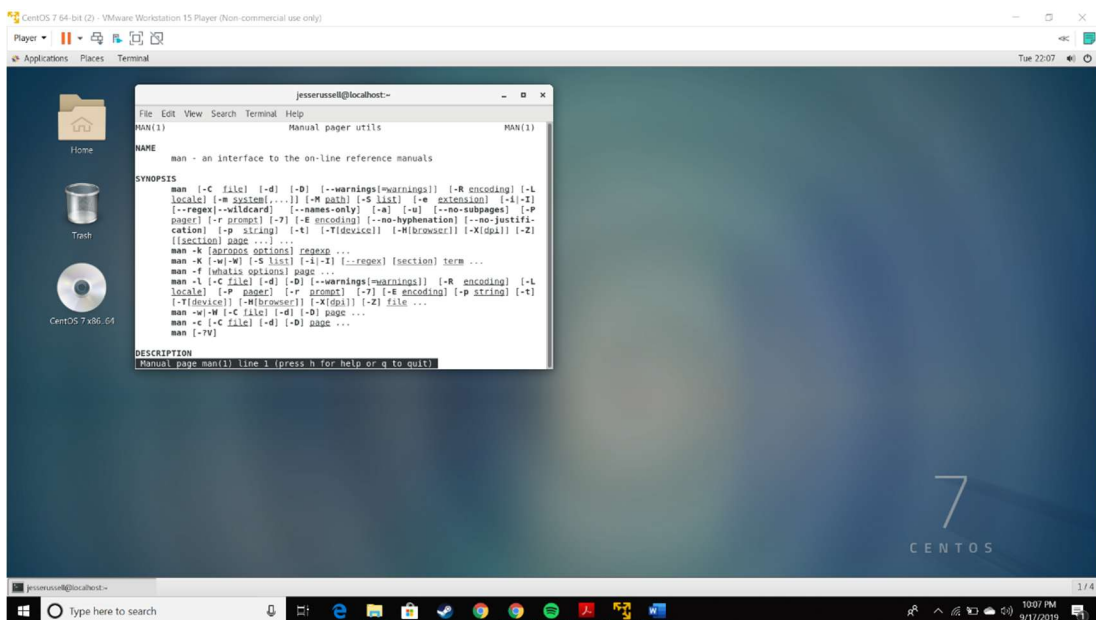
Jesse Russell

### Step 1.4:



I typed in the command *whoami* in order to get the username, which is jesserussell.

### Step 2.2:



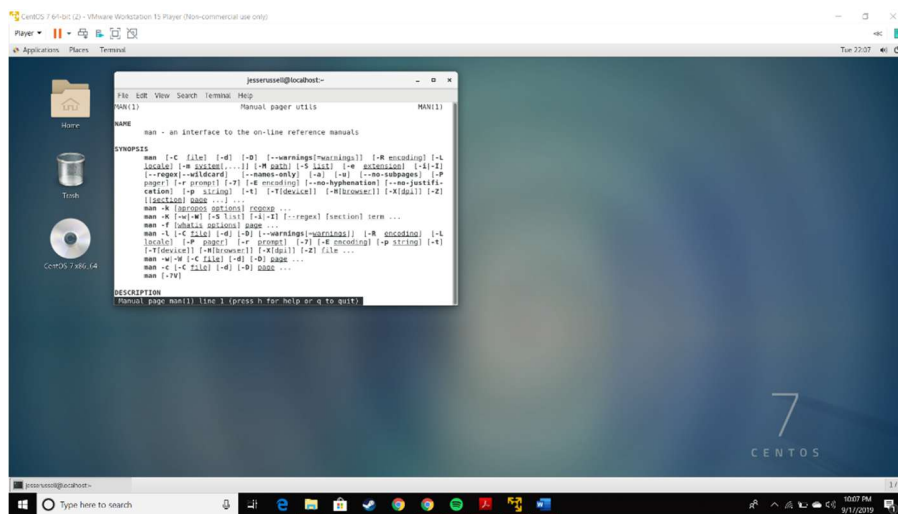
This is the *man* command in use. This shows how to use certain commands.

## Step 2.3:

### Manual sections:

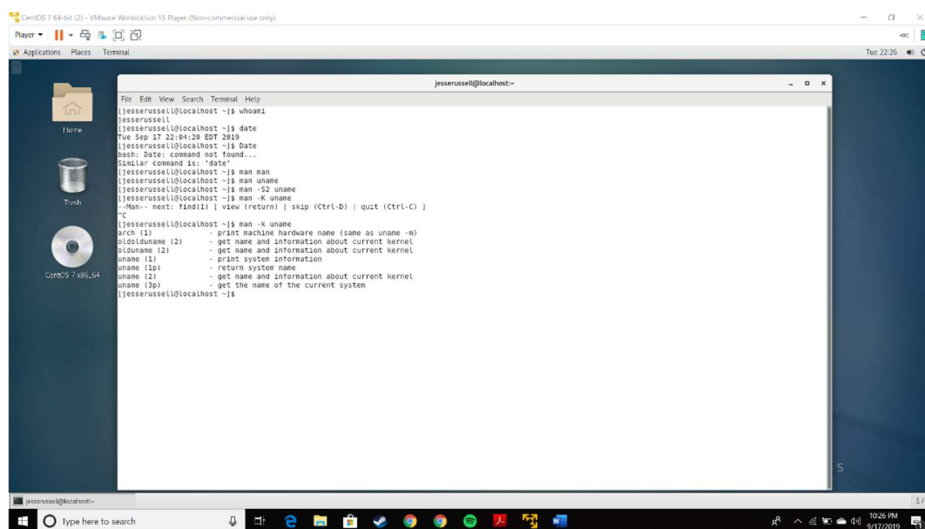
1. Executable programs or shell commands
2. System calls
3. Library Calls
4. Special files
5. File formats and conventions
6. Games
7. Miscellaneous
8. System administration commands
9. Kernel routines

## Step 3.4:



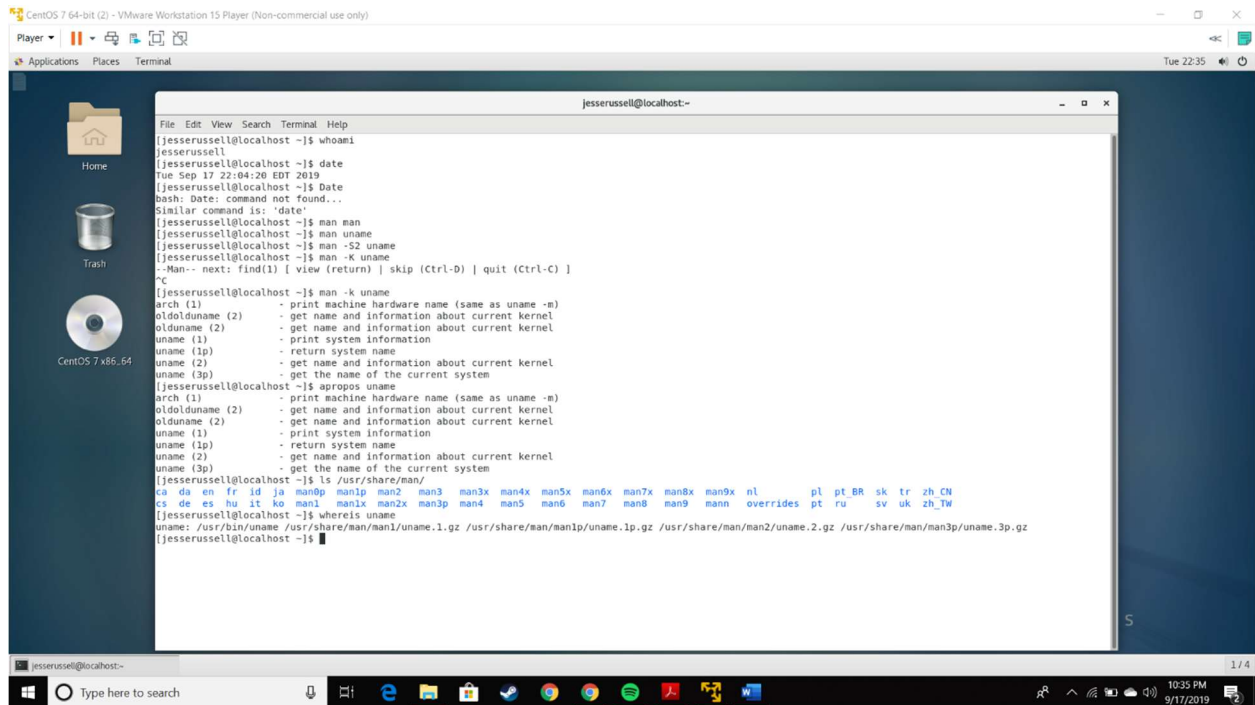
This is the result of the *man -S 2 uname* command.

## Step 3.6:



This is the result of the *man -k uname* command.

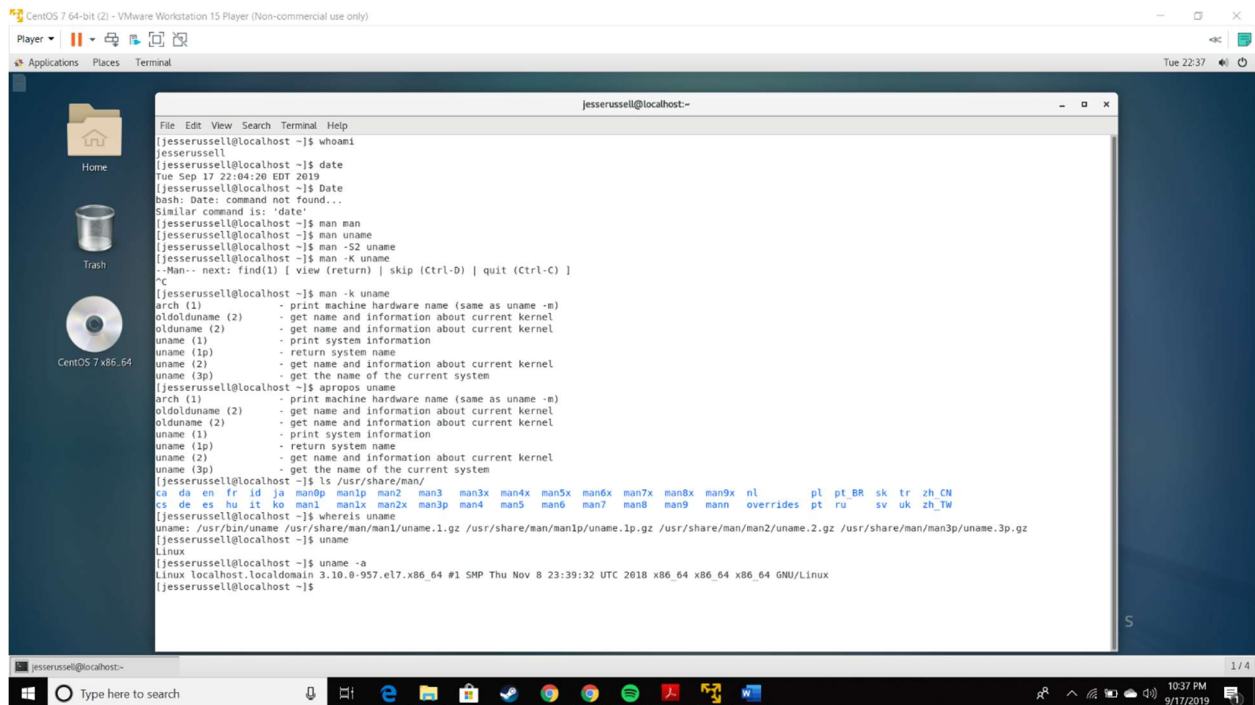
### Step 3.9:



```
jesserrussell@localhost:~$ whoami
jesserrussell
jesserrussell@localhost:~$ date
Tue Sep 17 22:04:20 EDT 2019
jesserrussell@localhost:~$ Date
bash: Date: command not found...
Similar command is: 'date'
jesserrussell@localhost:~$ man man
jesserrussell@localhost:~$ man uname
jesserrussell@localhost:~$ man -S2 uname
jesserrussell@localhost:~$ man -K uname
--Man-- next: find(1) | view (return) | skip (Ctrl-B) | quit (Ctrl-C) |
^C
jesserrussell@localhost:~$ man -k uname
arch (1)      - print machine hardware name (same as uname -m)
oldolduname (2) - get name and information about current kernel
olduname (2)  - get name and information about current kernel
uname (1)     - print system information
uname (1p)    - return system name
uname (2)     - get name and information about current kernel
uname (3p)    - get the name of the current system
jesserrussell@localhost:~$ apropos uname
arch (1)      - print machine hardware name (same as uname -m)
oldolduname (2) - get name and information about current kernel
olduname (2)  - get name and information about current kernel
uname (1)     - print system information
uname (1p)    - return system name
uname (2)     - get name and information about current kernel
uname (3p)    - get the name of the current system
jesserrussell@localhost:~$ ls /usr/share/man/
ca da en fr id ja man1p man1p man2 man3 man3x man4x man5x man6x man7x man8x man9x nl pl pt BR sk tr zh_CN
cs de es hu it ko man1 man1x man2x man3p man4 man5 man6 man7 man8 man9 mann overrides pt ru sv uk zh_TW
jesserrussell@localhost:~$ whereis uname
uname: /usr/bin/uname /usr/share/man/man1/uname.1.gz /usr/share/man/man1p/uname.1p.gz /usr/share/man/man2/uname.2.gz /usr/share/man/man3p/uname.3p.gz
jesserrussell@localhost:~$
```

This is the result of the *whereis* *uname* command.

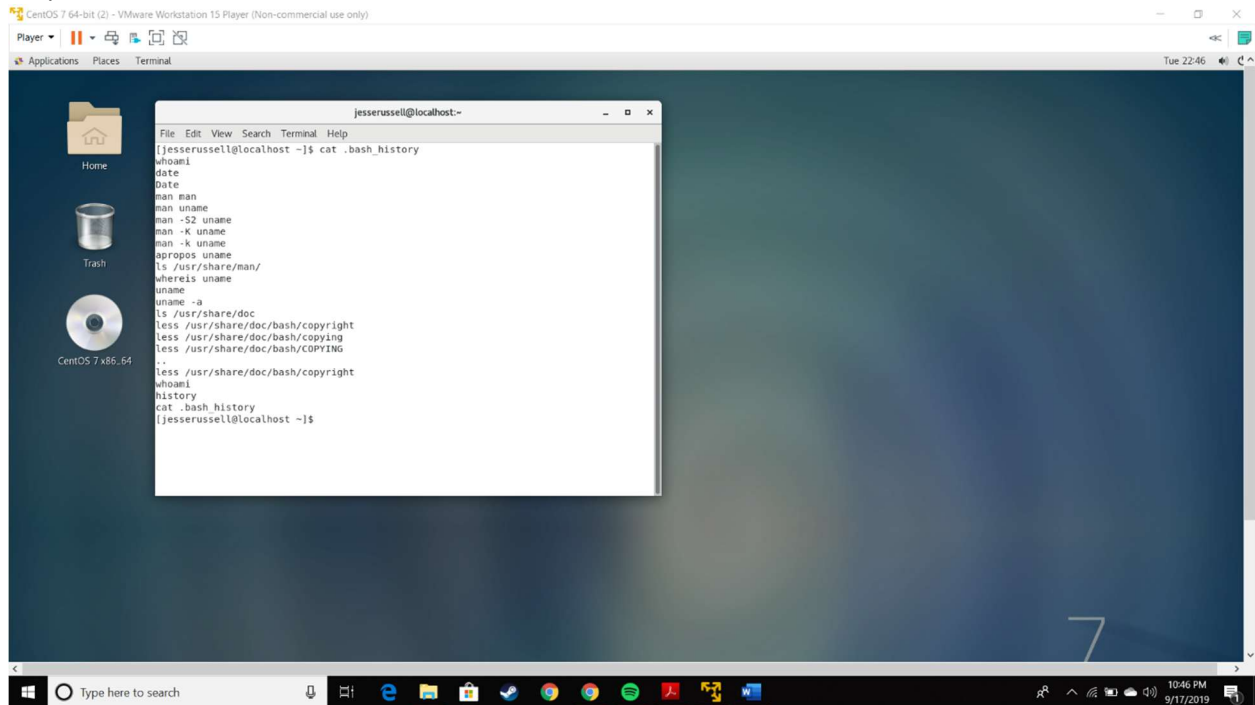
### Step 3.11



```
jesserrussell@localhost:~$ whoami
jesserrussell
jesserrussell@localhost:~$ date
Tue Sep 17 22:04:20 EDT 2019
jesserrussell@localhost:~$ Date
bash: Date: command not found...
Similar command is: 'date'
jesserrussell@localhost:~$ man man
jesserrussell@localhost:~$ man uname
jesserrussell@localhost:~$ man -S2 uname
jesserrussell@localhost:~$ man -K uname
--Man-- next: find(1) | view (return) | skip (Ctrl-B) | quit (Ctrl-C) |
^C
jesserrussell@localhost:~$ man -k uname
arch (1)      - print machine hardware name (same as uname -m)
oldolduname (2) - get name and information about current kernel
olduname (2)  - get name and information about current kernel
uname (1)     - print system information
uname (1p)    - return system name
uname (2)     - get name and information about current kernel
uname (3p)    - get the name of the current system
jesserrussell@localhost:~$ apropos uname
arch (1)      - print machine hardware name (same as uname -m)
oldolduname (2) - get name and information about current kernel
olduname (2)  - get name and information about current kernel
uname (1)     - print system information
uname (1p)    - return system name
uname (2)     - get name and information about current kernel
uname (3p)    - get the name of the current system
jesserrussell@localhost:~$ ls /usr/share/man/
ca da en fr id ja man1p man1p man2 man3 man3x man4x man5x man6x man7x man8x man9x nl pl pt BR sk tr zh_CN
cs de es hu it ko man1 man1x man2x man3p man4 man5 man6 man7 man8 man9 mann overrides pt ru sv uk zh_TW
jesserrussell@localhost:~$ whereis uname
uname: /usr/bin/uname /usr/share/man/man1/uname.1.gz /usr/share/man/man1p/uname.1p.gz /usr/share/man/man2/uname.2.gz /usr/share/man/man3p/uname.3p.gz
jesserrussell@localhost:~$ uname
Linux
jesserrussell@localhost:~$ uname -a
Linux localhost.localdomain 3.10.0-957.el7.x86_64 #1 SMP Thu Nov 8 23:39:32 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
jesserrussell@localhost:~$
```

This is the result of the *uname -a* command.

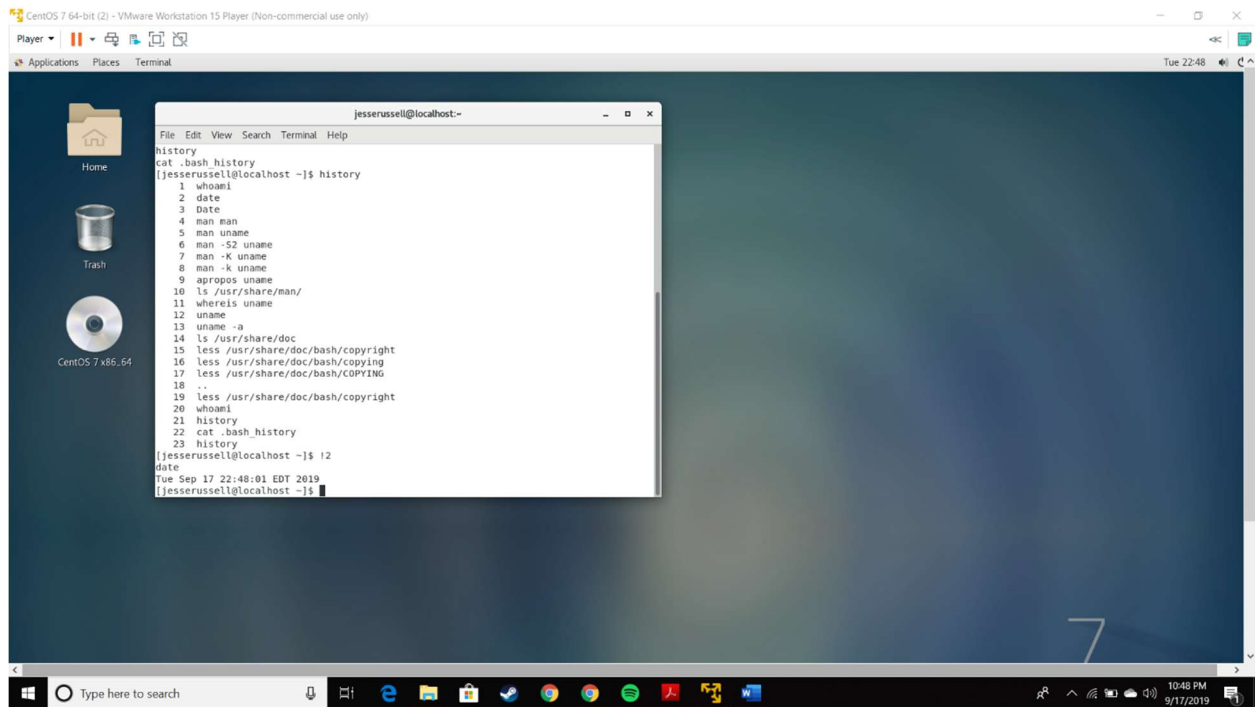
#### Step 4.4:



```
jesserrussell@localhost:~$ cat .bash_history
whoami
date
Date
man man
man uname
man -S2 uname
man -K uname
man -k uname
apropos uname
ls /usr/share/man/
whereis uname
uname -a
ls /usr/share/doc
less /usr/share/doc/bash/copyright
less /usr/share/doc/bash/copying
less /usr/share/doc/bash/COPYING
..
less /usr/share/doc/bash/copyright
whoami
history
cat .bash_history
jesserrussell@localhost ~$
```

This is the result of the `cat .bash_history` command.

#### Step 4.6:



```
jesserrussell@localhost:~$ !2
date
Tue Sep 17 22:48:01 EDT 2019
jesserrussell@localhost ~$
```

This is the result of the `!2` command.