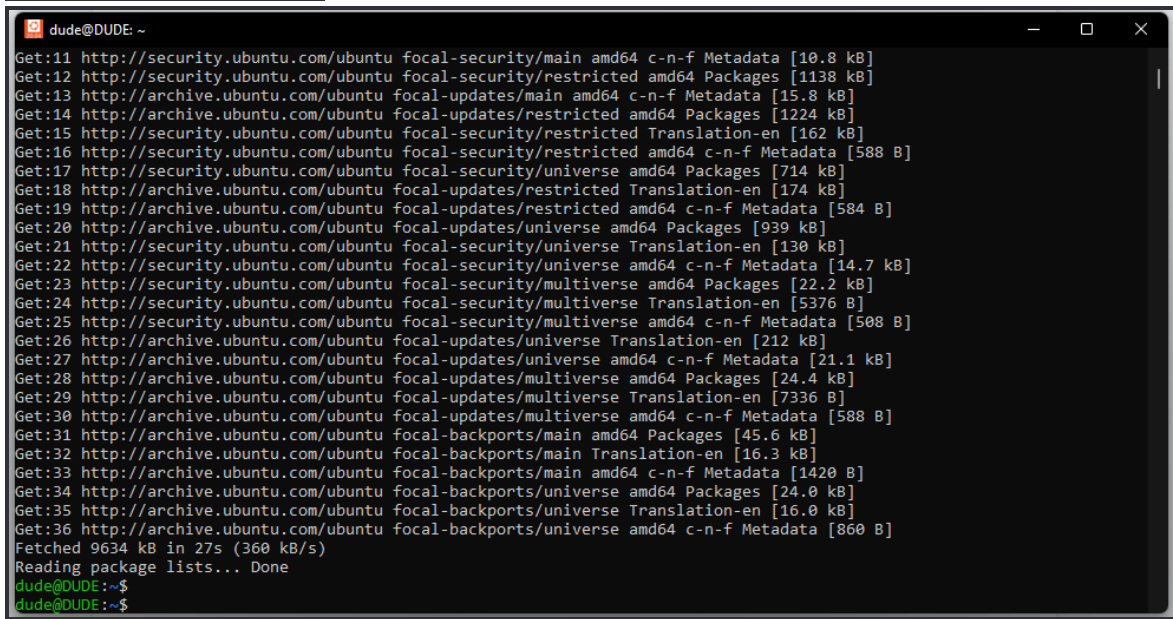


TASK - CLI

Problem 1 - Install oh-my-zsh

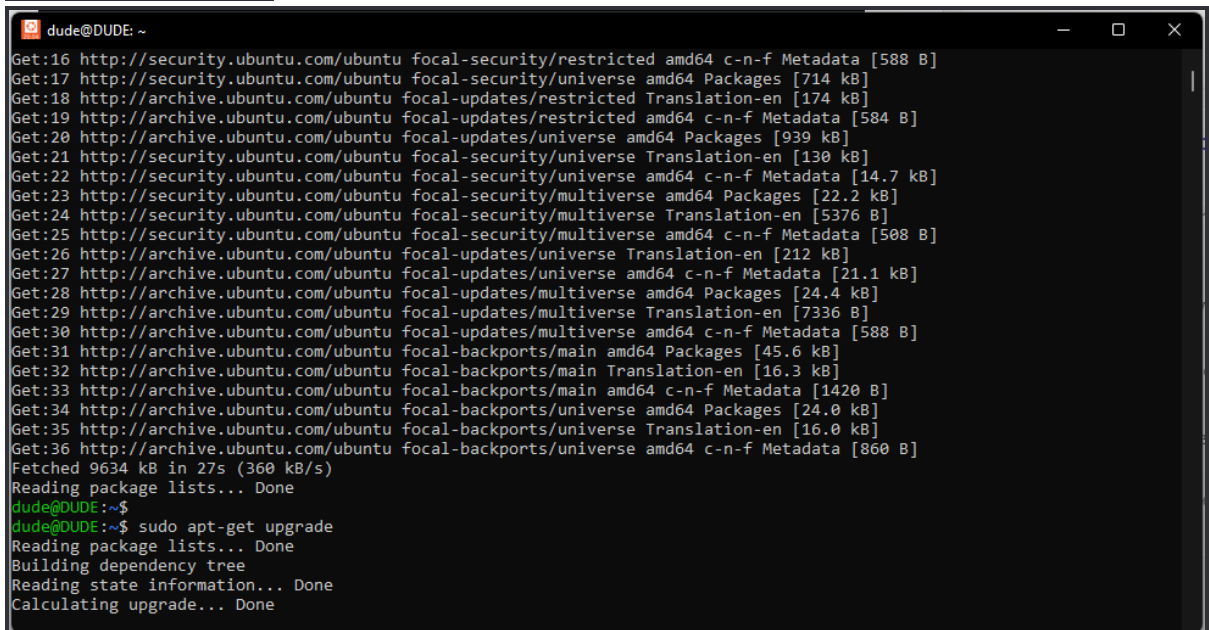
Follow the instructions on this [LINK/LINK!](#)

1. `sudo apt-get update`



```
dude@DUDE: ~  
Get:11 http://security.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [10.8 kB]  
Get:12 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [1138 kB]  
Get:13 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [15.8 kB]  
Get:14 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [1224 kB]  
Get:15 http://security.ubuntu.com/ubuntu focal-security/restricted Translation-en [162 kB]  
Get:16 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 c-n-f Metadata [588 B]  
Get:17 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [714 kB]  
Get:18 http://archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [174 kB]  
Get:19 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 c-n-f Metadata [584 B]  
Get:20 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [939 kB]  
Get:21 http://security.ubuntu.com/ubuntu focal-security/universe Translation-en [130 kB]  
Get:22 http://archive.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [14.7 kB]  
Get:23 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [22.2 kB]  
Get:24 http://security.ubuntu.com/ubuntu focal-security/multiverse Translation-en [5376 B]  
Get:25 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 c-n-f Metadata [508 B]  
Get:26 http://archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [212 kB]  
Get:27 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [21.1 kB]  
Get:28 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [24.4 kB]  
Get:29 http://archive.ubuntu.com/ubuntu focal-updates/multiverse Translation-en [7336 B]  
Get:30 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 c-n-f Metadata [588 B]  
Get:31 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 Packages [45.6 kB]  
Get:32 http://archive.ubuntu.com/ubuntu focal-backports/main Translation-en [16.3 kB]  
Get:33 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [1420 B]  
Get:34 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [24.0 kB]  
Get:35 http://archive.ubuntu.com/ubuntu focal-backports/universe Translation-en [16.0 kB]  
Get:36 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [860 B]  
Fetched 9634 kB in 27s (360 kB/s)  
Reading package lists... Done  
dude@DUDE:~$  
dude@DUDE:~$
```

2. `sudo apt upgrade`



```
dude@DUDE: ~  
Get:16 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 c-n-f Metadata [588 B]  
Get:17 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [714 kB]  
Get:18 http://archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [174 kB]  
Get:19 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 c-n-f Metadata [584 B]  
Get:20 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [939 kB]  
Get:21 http://security.ubuntu.com/ubuntu focal-security/universe Translation-en [130 kB]  
Get:22 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [14.7 kB]  
Get:23 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [22.2 kB]  
Get:24 http://security.ubuntu.com/ubuntu focal-security/multiverse Translation-en [5376 B]  
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Get:29 http://archive.ubuntu.com/ubuntu focal-updates/multiverse Translation-en [7336 B]  
Get:30 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 c-n-f Metadata [588 B]  
Get:31 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 Packages [45.6 kB]  
Get:32 http://archive.ubuntu.com/ubuntu focal-backports/main Translation-en [16.3 kB]  
Get:33 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [1420 B]  
Get:34 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [24.0 kB]  
Get:35 http://archive.ubuntu.com/ubuntu focal-backports/universe Translation-en [16.0 kB]  
Get:36 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [860 B]  
Fetched 9634 kB in 27s (360 kB/s)  
Reading package lists... Done  
dude@DUDE:~$  
dude@DUDE:~$ sudo apt upgrade  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
Calculating upgrade... Done
```

3. `sudo apt install zsh`

```
dude@DUDE:~$ sudo apt install zsh
[sudo] password for dude:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  zsh-common
Suggested packages:
  zsh-doc
The following NEW packages will be installed:
  zsh zsh-common
0 upgraded, 2 newly installed, 0 to remove and 1 not upgraded.
Need to get 4450 kB of archives.
After this operation, 18.0 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 zsh-common all 5.8-3ubuntu1.1 [3743 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 zsh amd64 5.8-3ubuntu1.1 [707 kB]
Fetched 4450 kB in 6s (770 kB/s)
Selecting previously unselected package zsh-common.
(Reading database ... 32364 files and directories currently installed.)
Preparing to unpack .../zsh-common_5.8-3ubuntu1.1_all.deb ...
Unpacking zsh-common (5.8-3ubuntu1.1) ...
Selecting previously unselected package zsh.
Preparing to unpack .../zsh_5.8-3ubuntu1.1_amd64.deb ...
Unpacking zsh (5.8-3ubuntu1.1) ...
Setting up zsh-common (5.8-3ubuntu1.1) ...
Setting up zsh (5.8-3ubuntu1.1) ...
Processing triggers for man-db (2.9.1-1) ...
```

4. `sudo apt-get install powerline fonts-powerline`

```
dude@DUDE:~$ sudo apt-get install powerline fonts-powerline
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  fontconfig python3-powerline python3-psutil
Suggested packages:
  powerline-doc vim-addon-manager python-psutil-doc
The following NEW packages will be installed:
  fontconfig fonts-powerline powerline python3-powerline python3-psutil
0 upgraded, 5 newly installed, 0 to remove and 1 not upgraded.
Need to get 490 kB of archives.
After this operation, 2235 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://archive.ubuntu.com/ubuntu focal/main amd64 fontconfig amd64 2.13.1-2ubuntu3 [171 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal/universe amd64 fonts-powerline all 2.7-3 [5492 B]
Get:3 http://archive.ubuntu.com/ubuntu focal/main amd64 python3-psutil amd64 5.5.1-1ubuntu4 [141 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal/universe amd64 python3-powerline all 2.7-3 [126 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal/universe amd64 powerline amd64 2.7-3 [46.0 kB]
Fetched 490 kB in 3s (187 kB/s)
Preconfiguring packages ...
Selecting previously unselected package fontconfig.
(Reading database ... 33834 files and directories currently installed.)
Preparing to unpack .../fontconfig_2.13.1-2ubuntu3_amd64.deb ...
Unpacking fontconfig (2.13.1-2ubuntu3) ...
Selecting previously unselected package fonts-powerline.
Preparing to unpack .../fonts-powerline_2.7-3_all.deb ...
Unpacking fonts-powerline (2.7-3) ...
Selecting previously unselected package python3-psutil.
Preparing to unpack .../python3-psutil_5.5.1-1ubuntu4_amd64.deb ...
Unpacking python3-psutil (5.5.1-1ubuntu4) ...
Selecting previously unselected package python3-powerline.
Preparing to unpack .../python3-powerline_2.7-3_all.deb ...
Unpacking python3-powerline (2.7-3) ...
Selecting previously unselected package powerline.
Preparing to unpack .../powerline_2.7-3_amd64.deb ...
Unpacking powerline (2.7-3) ...
Setting up fontconfig (2.13.1-2ubuntu3) ...
Regenerating fonts cache... done.
Setting up python3-psutil (5.5.1-1ubuntu4) ...
Setting up fonts-powerline (2.7-3) ...
Setting up python3-powerline (2.7-3) ...
Setting up powerline (2.7-3) ...
Created symlink /etc/systemd/user/default.target.wants/powerline-daemon.service → /usr/lib/systemd/user/powerline-daemon.service.
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for fontconfig (2.13.1-2ubuntu3) ...
```

5. `git clone https://github.com/robbyrussell/oh-my-zsh.git ~/.oh-my-zsh`

```
dude@DUDE:~$ git clone https://github.com/robbyrussell/oh-my-zsh.git ~/.oh-my-zsh
Cloning into '/home/dude/.oh-my-zsh'...
remote: Enumerating objects: 29526, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 29526 (delta 1), reused 2 (delta 0), pack-reused 29521
Receiving objects: 100% (29526/29526), 9.67 MiB | 3.13 MiB/s, done.
Resolving deltas: 100% (14575/14575), done.
```

6. `cp ~/.oh-my-zsh/templates/zshrc.zsh-template ~/.zshrc`

```
dude@DUDE:~$ cp ~/.oh-my-zsh/templates/zshrc.zsh-template ~/.zshrc
dude@DUDE:~$ ls -lah
total 12K
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:43 .
drwxr-xr-x 1 root root 4.0K Oct 19 2021 ..
-rw-r--r-- 1 dude dude 64 Aug 17 12:15 .bash_history
-rw-r--r-- 1 dude dude 220 Oct 19 2021 .bash_logout
-rw-r--r-- 1 dude dude 3.7K Oct 19 2021 .bashrc
drwxr-xr-x 1 dude dude 4.0K Oct 19 2021 .landscape
-rw-r--r-- 1 dude dude 0 Aug 17 12:04 .motd_shown
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 .oh-my-zsh
-rw-r--r-- 1 dude dude 807 Oct 19 2021 .profile
-rw-r--r-- 1 dude dude 64 Oct 19 2021 .rediscli_history
-rw-r--r-- 1 dude dude 0 Oct 19 2021 .sudo_as_admin_successful
-rw-r--r-- 1 dude dude 3.8K Aug 17 12:43 .zshrc
-rw-r--r-- 1 dude dude 104 Oct 19 2021 dump.rdb
dude@DUDE:~$
```

7. `nano .zshrc`

8. Change to

```
ZSH_THEME="agnoster"
```

```
GNU nano 4.8 .zshrc
# If you come from bash you might have to change your $PATH.
# export PATH=$HOME/bin:/usr/local/bin:$PATH

# Path to your oh-my-zsh installation.
export ZSH=$HOME/.oh-my-zsh

# Set name of the theme to load --- if set to "random", it will
# load a random theme each time oh-my-zsh is loaded, in which case,
# to know which specific one was loaded, run: echo $RANDOM_THEME
# See https://github.com/ohmyzsh/ohmyzsh/wiki/Themes
ZSH_THEME="agnoster"

# Set list of themes to pick from when loading at random
# Setting this variable when ZSH_THEME=random will cause zsh to load
# a theme from this variable instead of looking in $ZSH/themes/
# If set to an empty array, this variable will have no effect.
# ZSH_THEME_RANDOM_CANDIDATES=( "robbyrussell" "agnoster" )
```

9. `chsh -s /bin/zsh`

```
dude@DUDE:~$ chsh -s /bin/zsh
Password:
dude@DUDE:~$
```

10. `cd ~/.oh-my-zsh`

11. `upgrade_oh_my_zsh`

```
dude@DUDE:~/.oh-my-zsh$ ls -lah
total 48K
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 .
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:47 ..
-rw-r--r-- 1 dude dude 115 Aug 17 12:41 .editorconfig
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 .git
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 .github
-rw-r--r-- 1 dude dude 77 Aug 17 12:41 .gitignore
-rw-r--r-- 1 dude dude 131 Aug 17 12:41 .gitpod.Dockerfile
-rw-r--r-- 1 dude dude 259 Aug 17 12:41 .gitpod.yml
-rw-r--r-- 1 dude dude 3.3K Aug 17 12:41 CODE_OF_CONDUCT.md
-rw-r--r-- 1 dude dude 9.1K Aug 17 12:41 CONTRIBUTING.md
-rw-r--r-- 1 dude dude 1.2K Aug 17 12:41 LICENSE.txt
-rw-r--r-- 1 dude dude 16K Aug 17 12:41 README.md
-rw-r--r-- 1 dude dude 1.1K Aug 17 12:41 SECURITY.md
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 cache
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 custom
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 lib
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 log
-rw-r--r-- 1 dude dude 5.9K Aug 17 12:41 oh-my-zsh.sh
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 plugins
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 templates
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 themes
drwxr-xr-x 1 dude dude 4.0K Aug 17 12:41 tools
dude@DUDE:~/.oh-my-zsh$ upgrade_oh_my_zsh
```

12. `git clone https://github.com/zsh-users/zsh-syntax-highlighting.git`
`"$HOME/.zsh-syntax-highlighting" --depth 1`

```
dude@DUDE:~/oh-my-zsh$ git clone https://github.com/zsh-users/zsh-syntax-highlighting.git "$HOME/.zsh-syntax-highlighting" --depth 1
Cloning into '/home/dude/.zsh-syntax-highlighting'...
remote: Enumerating objects: 368, done.
remote: Counting objects: 100% (368/368), done.
remote: Compressing objects: 100% (300/300), done.
remote: Total 368 (delta 299), reused 104 (delta 54), pack-reused 0
Receiving objects: 100% (368/368), 180.44 KiB | 15.04 MiB/s, done.
Resolving deltas: 100% (299/299), done.
dude@DUDE:~/oh-my-zsh$
```

13. `chsh -s /bin/bash`

```
dude@DUDE:~/oh-my-zsh$ echo "source $HOME/.zsh-syntax-highlighting/zsh-syntax-highlighting.zsh" >> "$HOME/.zshrc"
dude@DUDE:~/oh-my-zsh$ chsh -s /bin/bash
Password:
chsh: PAM: Authentication failure
dude@DUDE:~/oh-my-zsh$ sudo chsh -s /bin/bash
[sudo] password for dude:
dude@DUDE:~/oh-my-zsh$
```

Problem 2 - Create Automation Script

Follow the instructions on this [LINK](#)!

Check files automate.sh

Problem 3 - Codecademy Basic Command Line (Optional)

Follow the instructions on this [LINK](#)!

Tidak bisa dibuka karena berbayar