

Zyron James M. Sumulong
CYSE 270
Assignment 3

1. Copy the file /usr/share/doc/zstd/copyright to your home directory.

```
File Actions Edit View Help
(kali@kali)-[~]
└─$ cp /usr/share/doc/zstd/copyright ~/
```

2. Perform a long list in your home directory using the correct command.

```
(kali@kali)-[~]
└─$ ls -l ~
total 44
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Desktop
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Documents
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Downloads
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Music
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Pictures
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Public
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Templates
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Videos
-rw-r--r-- 1 kali kali 5389 Sep 14 15:38 copyright
drwxr-xr-x 2 kali kali 4096 Sep 7 11:39 data
```

3. Open the file copyright in a vi-editor using vi command.

```
(kali@kali)-[~]
└─$ vi ~/copyright
```

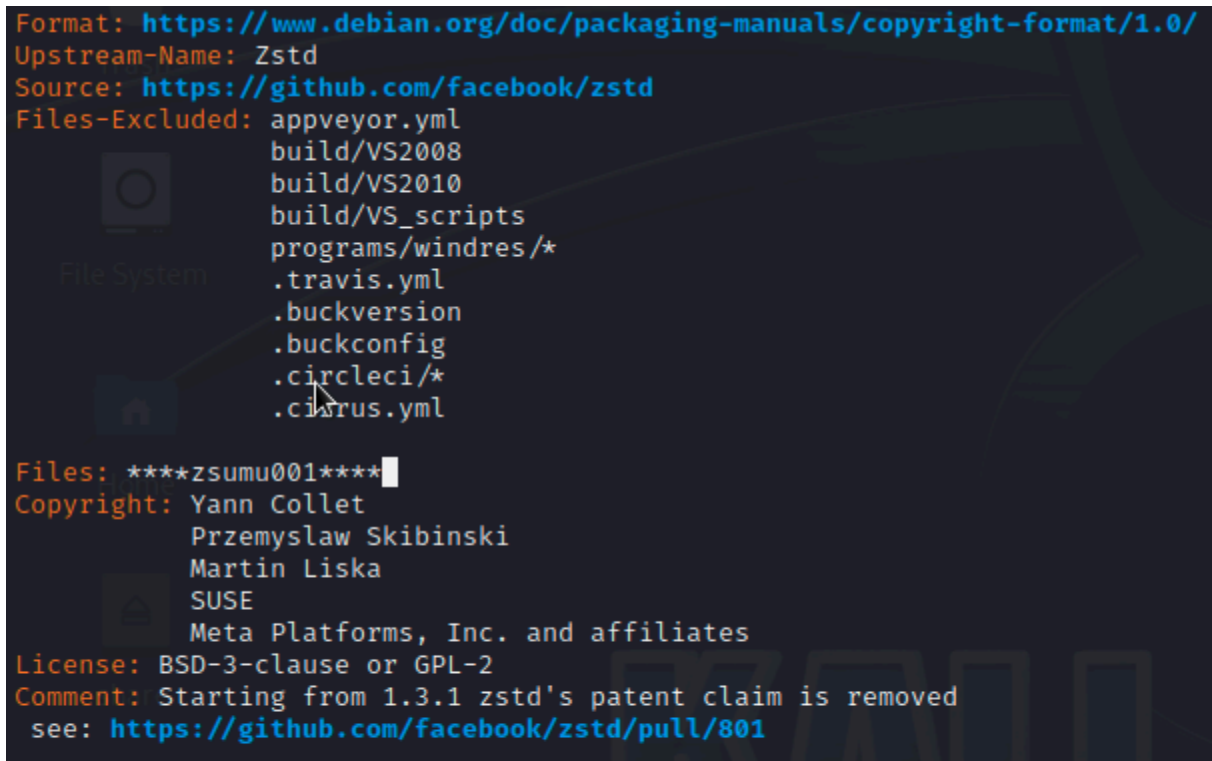
4. Move to line 15, then insert your MIDAS ID in the same line with the following format:
****XXXX****(replace XXXX with your own MIDAS name).

Command:

:15

A (- append at end of line OR i - insert before cursor)

****zsumu001****



```
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: appveyor.yml
                build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .travis.yml
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: ****zsumu001****
Copyright: Yann Collet
           Przemysław Skibinski
           Martin Liska
           SUSE
           Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801
```

5. Return to the command mode.

Command:

Press ESC

6. Open a new line below the current line using correct command (please refer to slides with the list of commands used in vi editor).

Command:

o (starts insert mode on a new line)

```
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: appveyor.yml
                build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .travis.yml
                .buckversion
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                .circleci/*
                .cirrus.yml

Files: ****zsumu001****
Copyright: Yann Collet
           Przemyslaw Skibinski
           Martin Liska
           SUSE
           Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801
```

7. Return to the command mode.

Command:

Press ESC

8. Use command to Insert "****XXXX ****" five times.

Command:

5i (#i inserts the text # amount of times)

Type "****XXXX****"

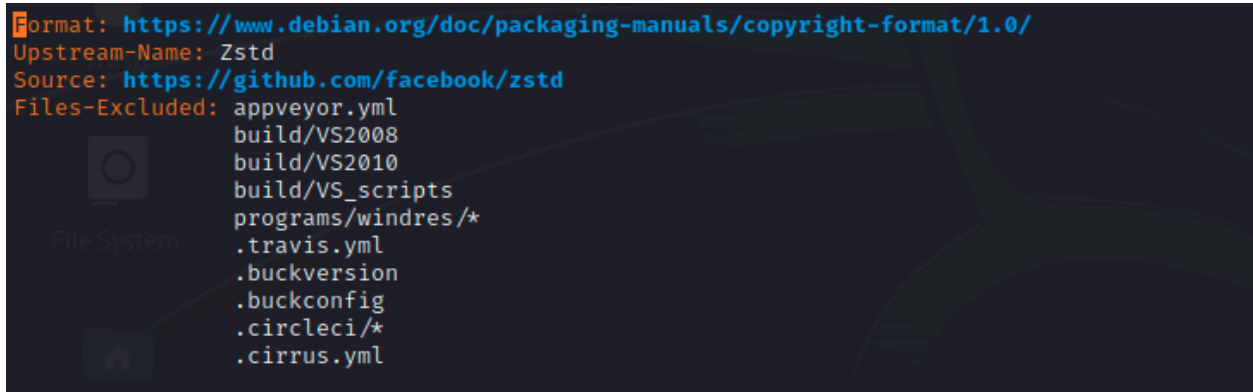
Press ESC

```
Files: ****zsumu001****
****zsumu001*****zsumu001*****zsumu001*****zsumu001*****zsumu001****
```

9. Use command to return the top of the file.

Command:

gg

A screenshot of a terminal window with a dark background. The text is displayed in a monospaced font with color coding: 'Format:' is orange, 'Upstream-Name:' is white, 'Source:' is blue, and 'Files-Excluded:' is orange. The 'Files-Excluded:' list contains several file names and directories. On the left side of the terminal, there is a vertical sidebar with a 'File System' icon and a search icon.

```
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: zstd
Source: https://github.com/facebook/zstd
Files-Excluded: appveyor.yml
                build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .travis.yml
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml
```

10. Move forward three sentences.

Command:

3)

```
Copyright: Yann Collet
          Przemyslaw Skibinski
          Martin Liska
          SUSE
          Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/examples/*.c
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

Files: zlibWrapper/gz*.c
Copyright: (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
License: zlib

License: zlib
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warranty. In no event will the authors be held liable for any damages
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Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:

.
```

11. Move forward four words.

Command:

4w

```

Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: appveyor.yml
                 build/VS2008
                 build/VS2010
                 build/VS_scripts
                 programs/windres/*
                 .travis.yml
                 .buckversion
                 .buckconfig
                 .circleci/*
                 .cirrus.yml

Files: ****zsumu001****
****XXX*****XXX*****XXX*****XXX*****XXX****
Copyright: Yann Collet
           Przemyslaw Skibinski
           Martin Liska
           SUSE
           Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
        see: https://github.com/facebook/zstd/pull/801

Files: zlibWrapper/examples/*.c
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

Files: zlibWrapper/gz*.c
Copyright: (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
License: zlib

License: zlib
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including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:

.

```

12. Search for the word example or any word existing in the document that you are using for lab-3.

Command:

/example

```
Files: zlibWrapper/examples/*.c
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

Files: zlibWrapper/gz*.c
Copyright: (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
License: zlib

License: zlib
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arising from the use of this software.

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Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:

.
/example
```

13. Continue to the next occurrence of the search term example.

Command:

n

```
Files: lib/dictBuilder/divsufsort.*
Copyright: 2003-2008, Yuta Mori
License: Expat

Files: examples/*
Copyright: 2016-present, Yann Collet, Facebook, Inc.
License: BSD-3-clause or GPL-2

Files: debian/*
Copyright:
```

14. Delete the current word, example.

Command:

dw

```
Files: lib/dictBuilder/divsufsort.*
Copyright: 2003-2008, Yuta Mori
License: Expat

Files: /*
Copyright: 2016-present, Yann Collet, Facebook, Inc.
License: BSD-3-clause or GPL-2
Files: debian/*
Copyright:
```

15. Delete the current line.

Command:

dd

```
Files: lib/dictBuilder/divsufsort.*
Copyright: 2003-2008, Yuta Mori
License: Expat

Copyright: 2016-present, Yann Collet, Facebook, Inc.
License: BSD-3-clause or GPL-2

Files: debian/*
Copyright:
2015-2016 Kevin Murray <spam@kdmurray.id.au>
```

16. Use command to jump to the end of the file.

Command:

G

```
License: BSD-3-clause
```

```
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```

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```
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ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

17. Copy line 16 and paste the text at the end of the document.

Command:

:16 (goes to line 16)

yy (yanks the line)

G (goes to end of file)

p (paste)

```
License: BSD-3-clause
```

```
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```

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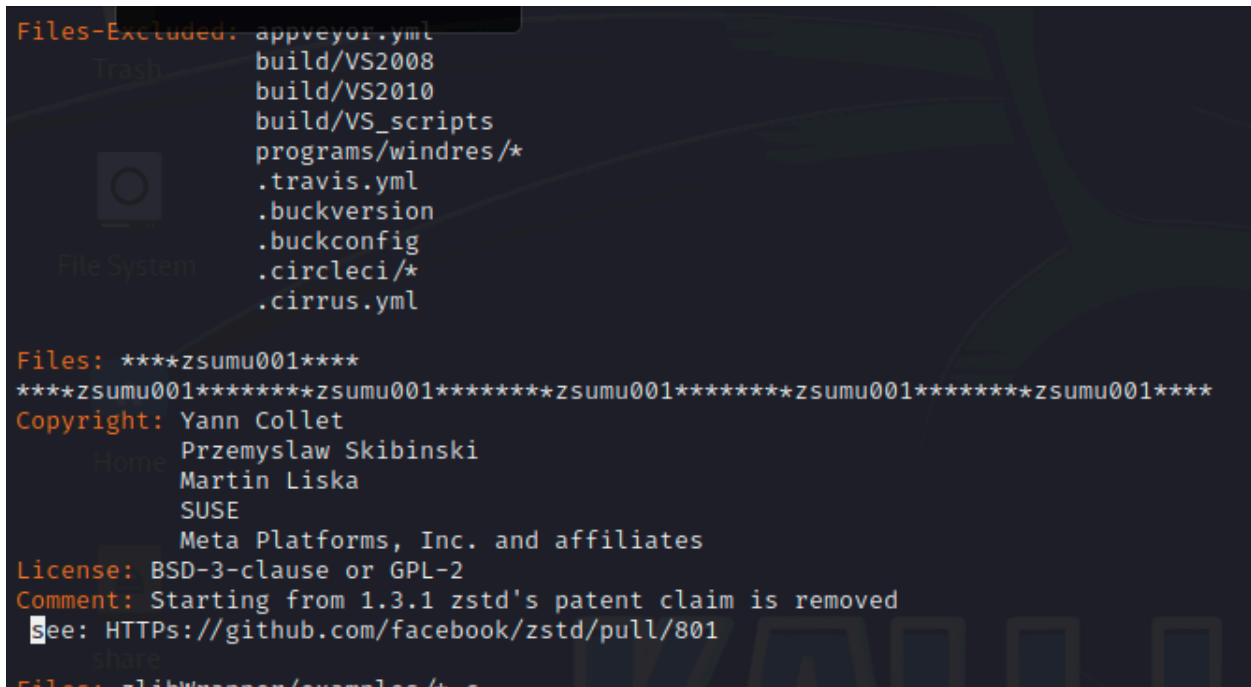
```
.  
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ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
***zsumu001*****zsumu001*****zsumu001*****zsumu001*****zsumu001****
```

18. Replace all occurrences of http with HTTP throughout the document.

Command:

```
:%s/http/HTTP/g
```



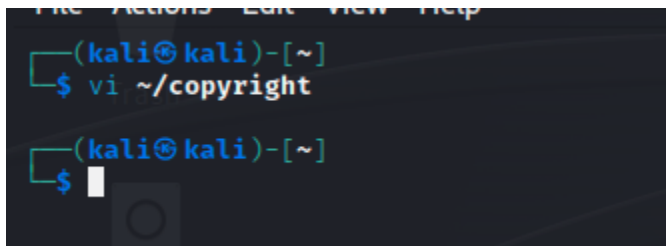
```
Files-Excluded: appveyor.yml
                build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .travis.yml
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: ****zsumu001****
****zsumu001*****zsumu001*****zsumu001*****zsumu001*****zsumu001****
Copyright: Yann Collet
           Przemyslaw Skibinski
           Martin Liska
           SUSE
           Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting from 1.3.1 zstd's patent claim is removed
See: HTTps://github.com/facebook/zstd/pull/801
Files: zlibWrapper/examples/t.c
```

19. Save and quit the document.

Command:

```
:wq!
```



```
(kaliⓈkali)-[~]
└─$ vi ~/copyright

(kaliⓈkali)-[~]
└─$
```

20. Rename the file copyright to copyright_cyse270.

Command:

```
mv ~/copyright ~/copyright_cyse270
```

```
(kali㉿kali)-[~]
└─$ mv ~/copyright ~/copyright_cyse270

(kali㉿kali)-[~]
└─$ ls -l ~
total 44
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Desktop
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Documents
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Downloads
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Music
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Pictures
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Public
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Templates
drwxr-xr-x 2 kali kali 4096 Oct 20 2023 Videos
-rw-r--r-- 1 kali kali 5548 Sep 14 16:03 copyright_cyse270
drwxr-xr-x 2 kali kali 4096 Sep  7 11:39 data
```