

## Frederick Gervacio

### CYSE 270-17496: Linux System for Cybersecurity

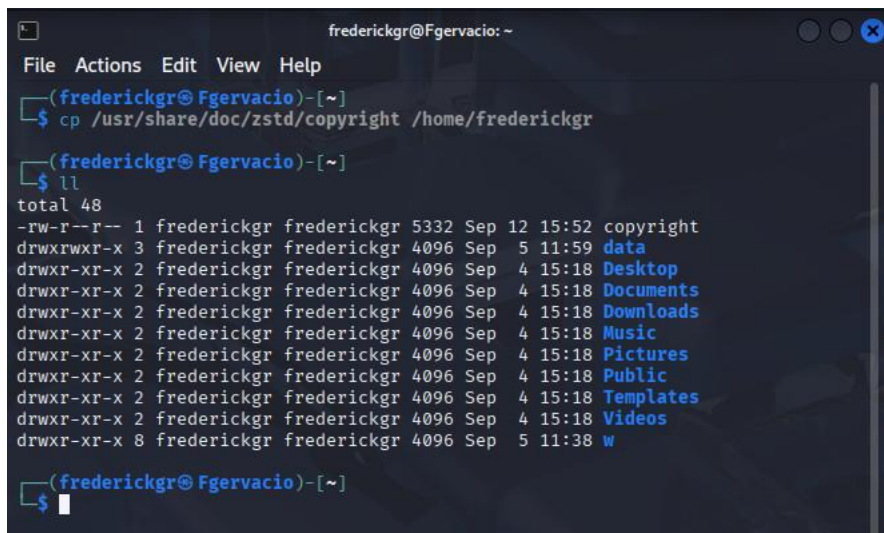
#### Assignment 3

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



```
frederickgr@Fgervacio: ~  
File Actions Edit View Help  
(frederickgr@Fgervacio)-[~]  
$ cp /usr/share/doc/zstd/copyright /home/frederickgr  
(frederickgr@Fgervacio)-[~]  
$
```

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



```
frederickgr@Fgervacio: ~  
File Actions Edit View Help  
(frederickgr@Fgervacio)-[~]  
$ cp /usr/share/doc/zstd/copyright /home/frederickgr  
(frederickgr@Fgervacio)-[~]  
$ ll  
total 48  
-rw-r--r-- 1 frederickgr frederickgr 5332 Sep 12 15:52 copyright  
drwxrwxr-x 3 frederickgr frederickgr 4096 Sep  5 11:59 data  
drwxr-xr-x 2 frederickgr frederickgr 4096 Sep  4 15:18 Desktop  
drwxr-xr-x 2 frederickgr frederickgr 4096 Sep  4 15:18 Documents  
drwxr-xr-x 2 frederickgr frederickgr 4096 Sep  4 15:18 Downloads  
drwxr-xr-x 2 frederickgr frederickgr 4096 Sep  4 15:18 Music  
drwxr-xr-x 2 frederickgr frederickgr 4096 Sep  4 15:18 Pictures  
drwxr-xr-x 2 frederickgr frederickgr 4096 Sep  4 15:18 Public  
drwxr-xr-x 2 frederickgr frederickgr 4096 Sep  4 15:18 Templates  
drwxr-xr-x 2 frederickgr frederickgr 4096 Sep  4 15:18 Videos  
drwxr-xr-x 8 frederickgr frederickgr 4096 Sep  5 11:38 w  
(frederickgr@Fgervacio)-[~]  
$
```

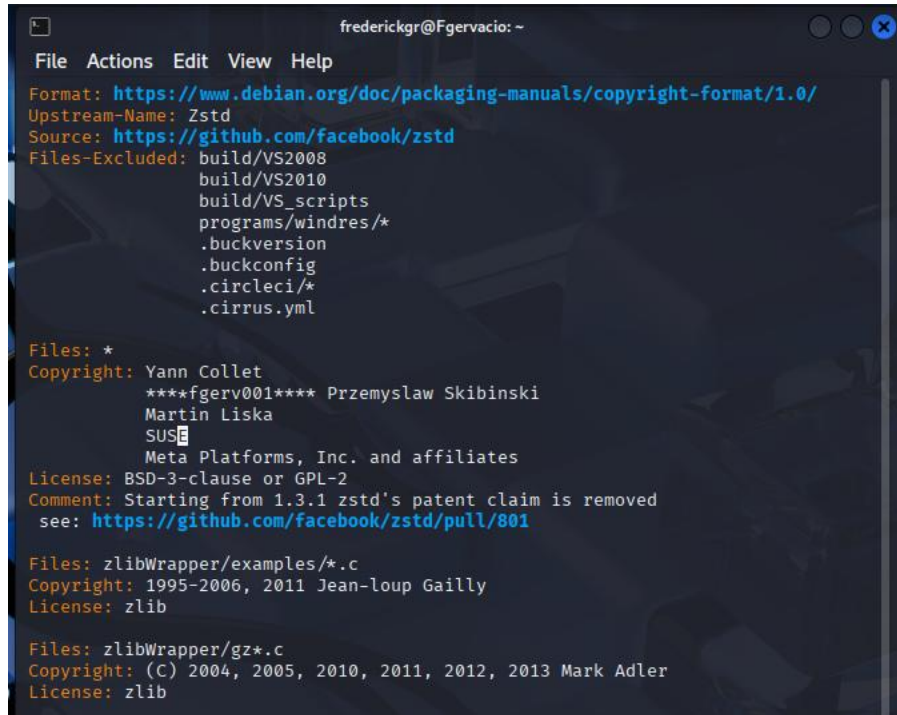
- 3) Open the file `copyright` in a vi-editor using vi command.



```
frederickgr@Fgervacio: ~  
File Actions Edit View Help  
(frederickgr@Fgervacio)-[~]  
$ vi copyright
```

- 4) Move to line 15, then insert your MIDAS ID in the same line with the following format:

- a. \*\*\*\*XXXX\*\*\*\*(replace XXXX with your own MIDAS name). Screenshot + Write Command. Use 15G to get to line 15.



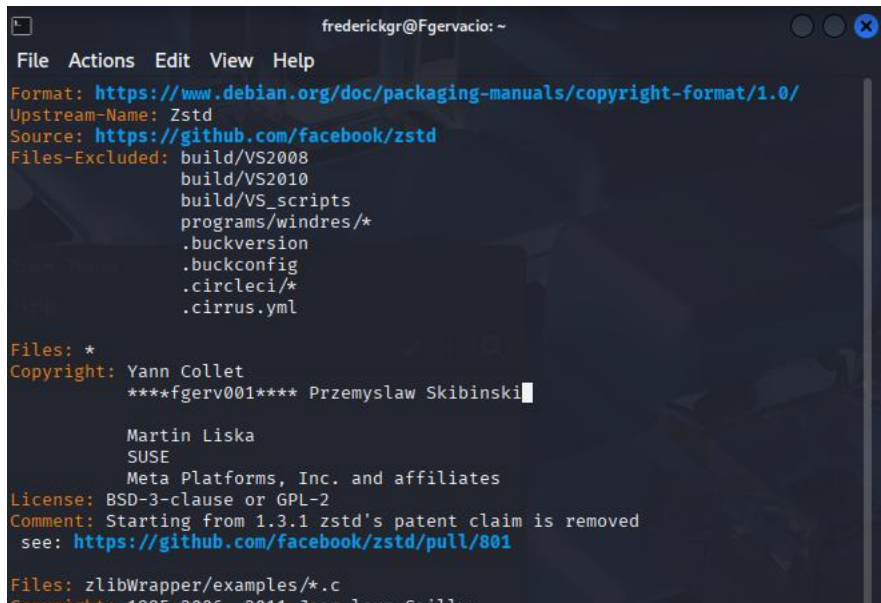
```
frederickgr@Fgervacio: ~
File Actions Edit View Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          ****fgerv001**** 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
```

- 5) Return to the command mode. Write Command ( use ESC key)  
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). Screenshot + Write Command. I typed “o” to enter the new line.



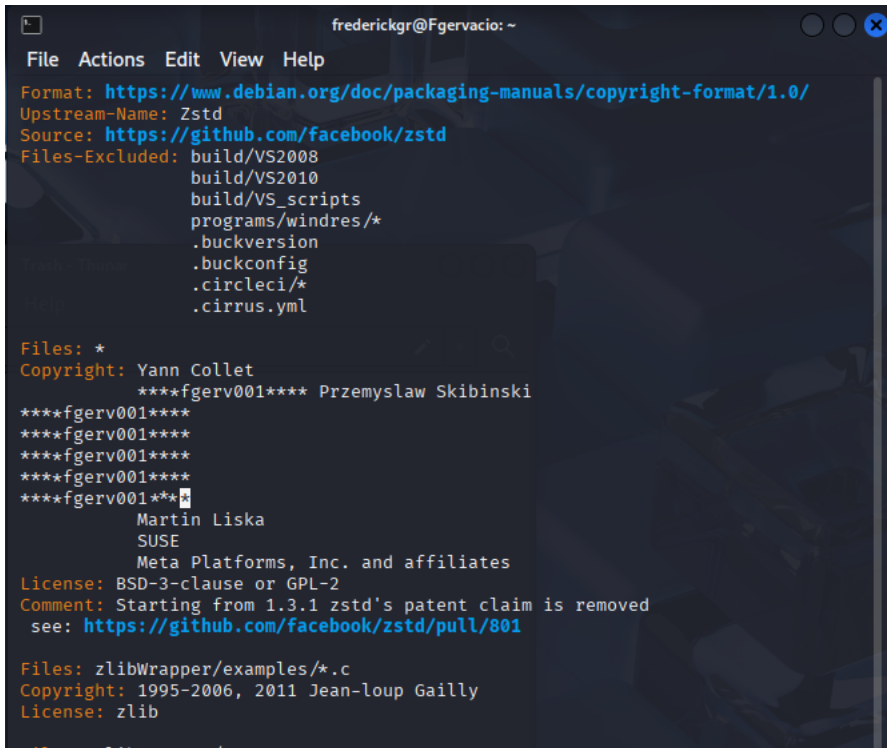
```
frederickgr@Fgervacio: ~
File Actions Edit View Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          ****fgerv001**** 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
```

- 7) Return to the command mode. Write Command (Hit the Esc key)  
8) Use command to Insert “\*\*\*\*XXXX \*\*\*\*” five times. Screenshot + Write Command

I used the 5i command to insert.

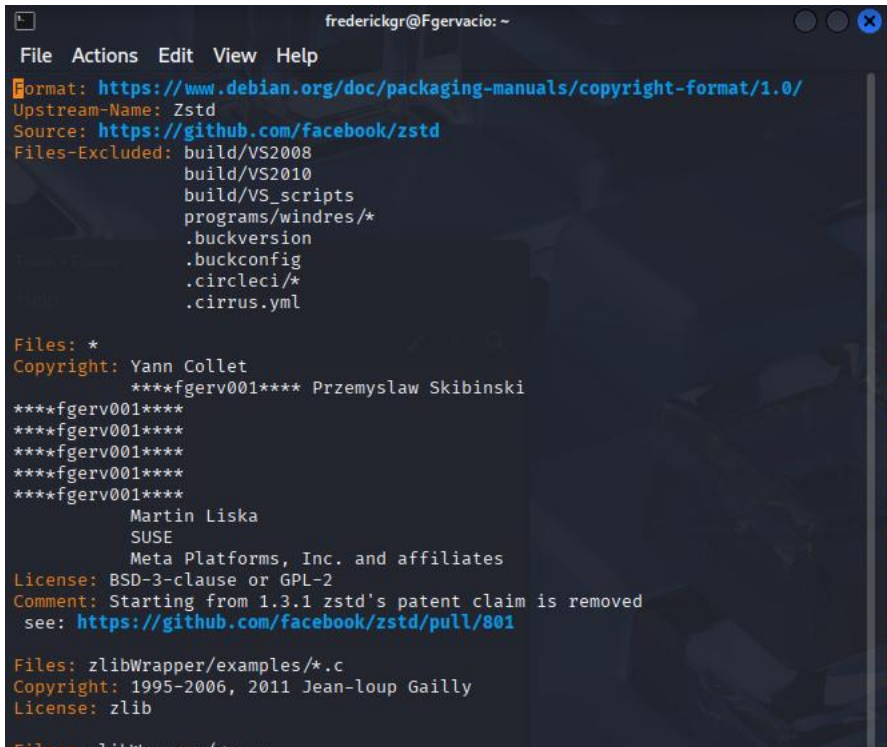


```
frederickgr@Fgervacio: ~
File Actions Edit View Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
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          ****fgerv001****
          ****fgerv001****
          ****fgerv001****
                Martin Liska
                SUSE
                Meta Platforms, Inc. and affiliates
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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
```

9) Use command to return the top of the file. Screenshot + Write Command  
[[ takes me to the top of the page.

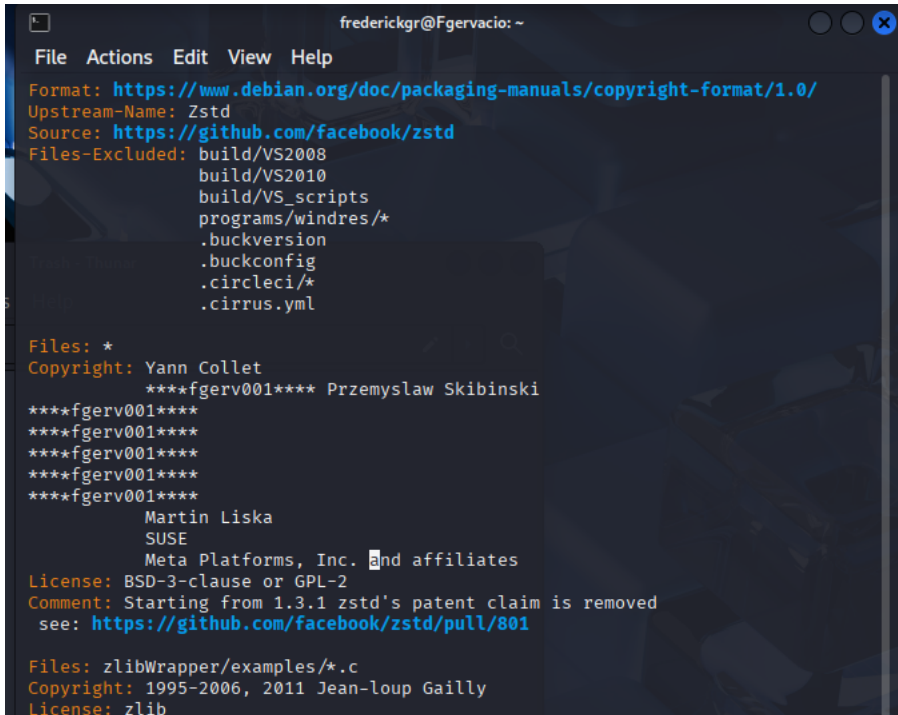


```
frederickgr@Fgervacio: ~
File Actions Edit View Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
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                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
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          ****fgerv001****
          ****fgerv001****
          ****fgerv001****
          ****fgerv001****
          ****fgerv001****
                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

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Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib
```

10) Move forward three sentences. Screenshot + Write Command. Type 3) to move forward 3 sentences.

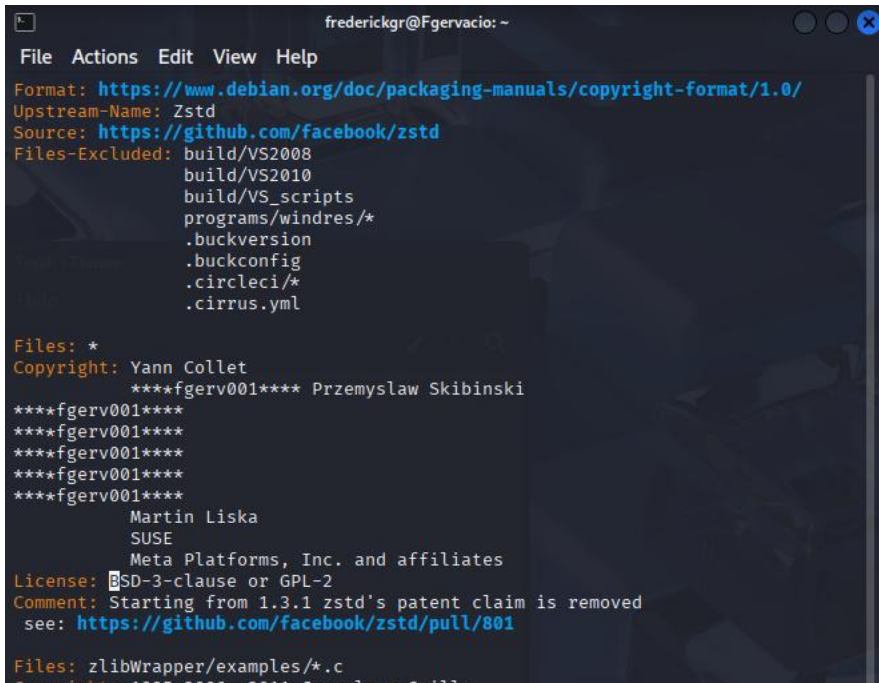


```
frederickgr@Fgervacio: ~
File Actions Edit View Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          ****fgerv001**** Przemyslaw Skibinski
          ****fgerv001****
          ****fgerv001****
          ****fgerv001****
          ****fgerv001****
          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
```

11) Move forward four words. Screenshot + Write Command. Type 4w to move forward 4 words.



```
frederickgr@Fgervacio: ~
File Actions Edit View Help
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          ****fgerv001**** Przemyslaw Skibinski
          ****fgerv001****
          ****fgerv001****
          ****fgerv001****
          ****fgerv001****
          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

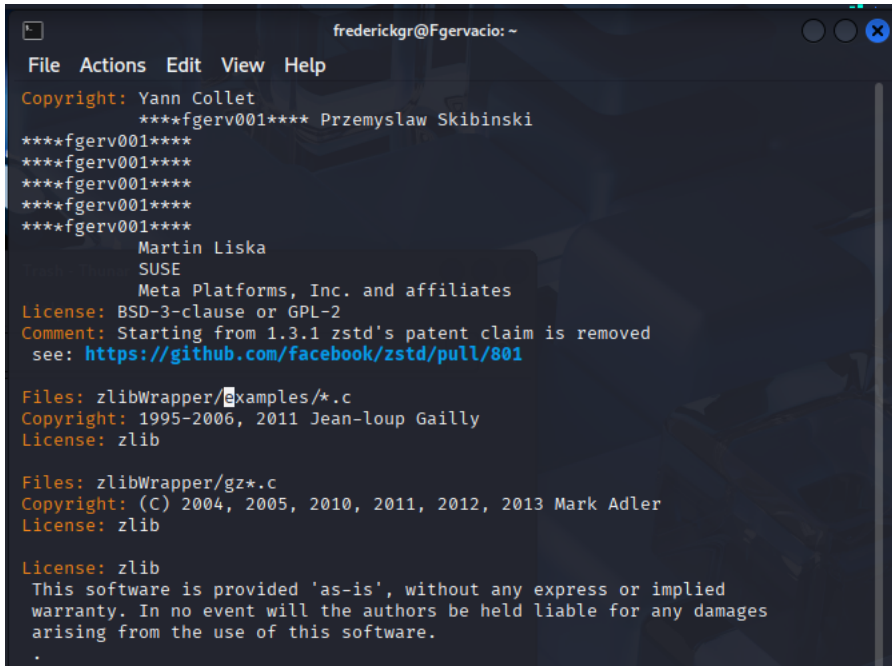
Files: zlibWrapper/examples/*.c
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib
```

12) Search for the word example or any word existing in the document that you are using for lab-3. Screenshot + Write Command. I typed “/example” to search for

the requested word.

```
frederickgr@Fgervacio: ~  
File Actions Edit View Help  
Copyright: Yann Collet  
      ****fgerv001**** Przemyslaw Skibinski  
****fgerv001****  
****fgerv001****  
****fgerv001****  
****fgerv001****  
****fgerv001****  
      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  
This software is provided 'as-is', without any express or implied  
warranty. In no event will the authors be held liable for any damages  
arising from the use of this software.  
.  
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:  
.  
1. The origin of this software must not be misrepresented; you must not  
claim that you wrote the original software. If you use this software  
in a product, an acknowledgement in the product documentation would be  
appreciated but is not required.  
2. Altered source versions must be plainly marked as such, and must not be  
misrepresented as being the original software.  
3. This notice may not be removed or altered from any source distribution.  
  
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:  
/examples
```

13) Continue to the next occurrence of the search term example. Screenshot + Write Command. I typed the “n” to find the next search work



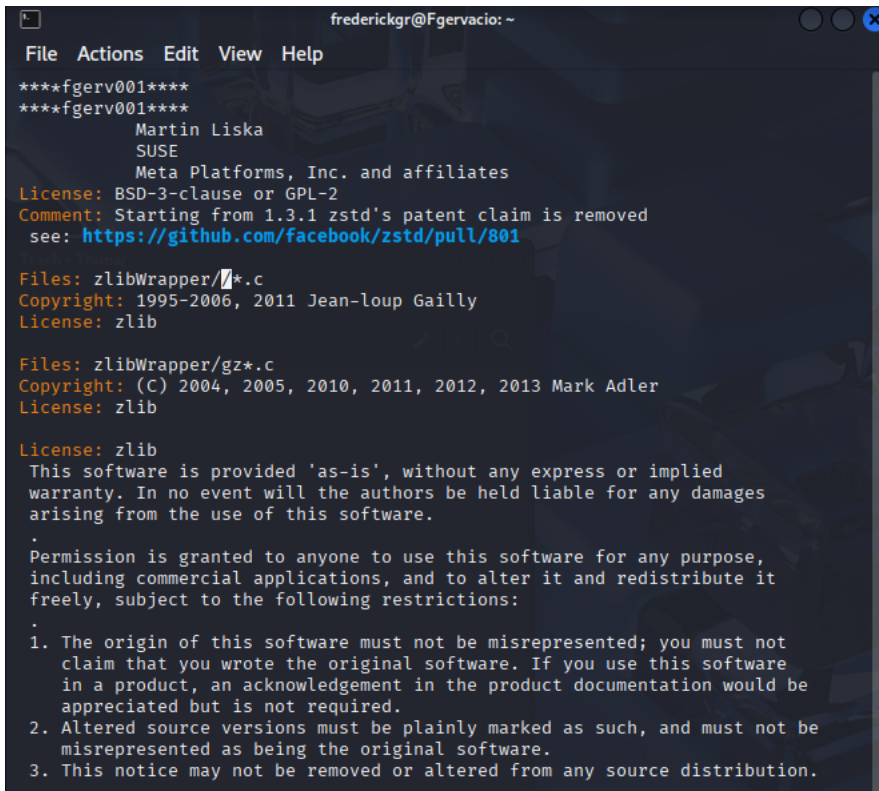
```
frederickgr@Fgervacio: ~
File Actions Edit View Help
Copyright: Yann Collet
****fgerv001**** Przemyslaw Skibinski
****fgerv001****
****fgerv001****
****fgerv001****
****fgerv001****
****fgerv001****
Martin Liska
SUSE
Meta Platforms, Inc. and affiliates
License: BSD-3-clause or GPL-2
Comment: Starting 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
This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.
.
```

14) Delete the current word, example. Screenshot + Write Command. Type dw to delete the word after the cursor



```
frederickgr@Fgervacio: ~
File Actions Edit View Help
****fgerv001****
****fgerv001****
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/gz*.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

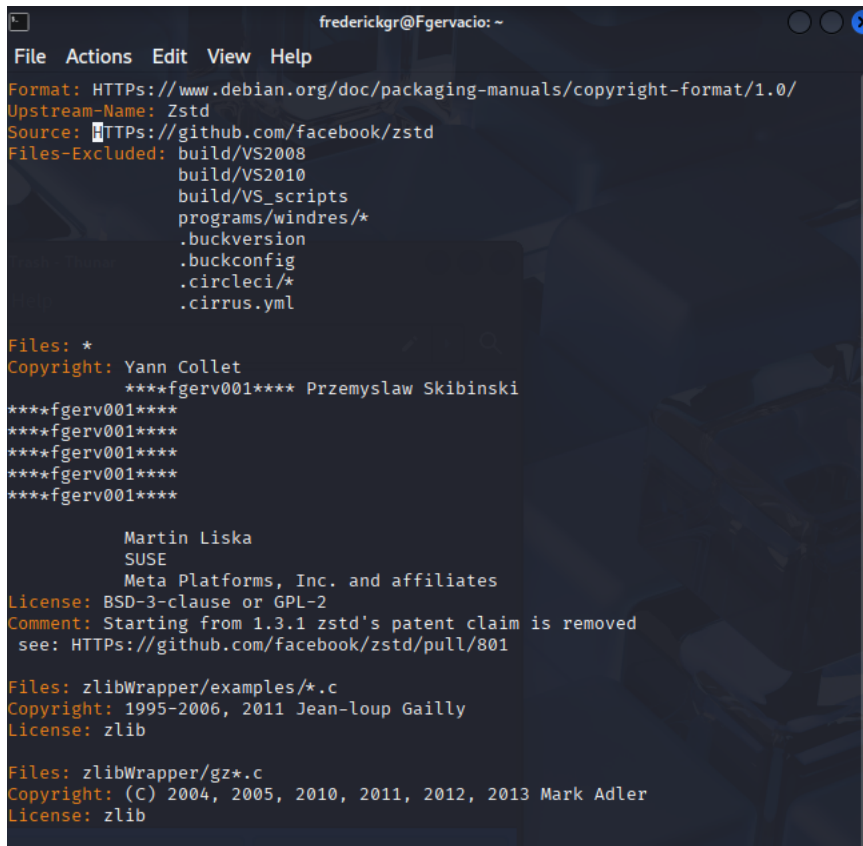
License: zlib
This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.
.
Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:
.
1. The origin of this software must not be misrepresented; you must not
claim that you wrote the original software. If you use this software
in a product, an acknowledgement in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.
.
```



then “]]” to go to the end of the document and p to paste.

```
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.
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D
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL RANDOLPH VOORHIES OR SHANE GRANT BE LIABLE FOR A
NY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
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.
****fgerv001****
128,1 Bot
```

18) Replace all occurrences of http with HTTP throughout the document. Screenshot + Write Command. I typed :%s/http/HTTP to change it from lowercase to uppercase.



```
frederickgr@Fgervacio: ~
File Actions Edit View Help
Format: HTTPs://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: HTTPs://github.com/facebook/zstd
Files-Excluded: build/VS2008
                build/VS2010
                build/VS_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          ****fgerv001**** Przemyslaw Skibinski
****fgerv001****
****fgerv001****
****fgerv001****
****fgerv001****
****fgerv001****

          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
```

19) Save and quit the document. Screenshot + Write Command :wq to quit and save the document

## 20) Rename the file copyright to copyright\_cyse270. Screenshot + Write Command

```
license: zlib
This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.
.
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:
.
1. The origin of this software must not be misrepresented; you must not
   claim that you wrote the original software. If you use this software
   in a product, an acknowledgement in the product documentation would be
   appreciated but is not required.
:!mv copyright copyright_cyse270
```