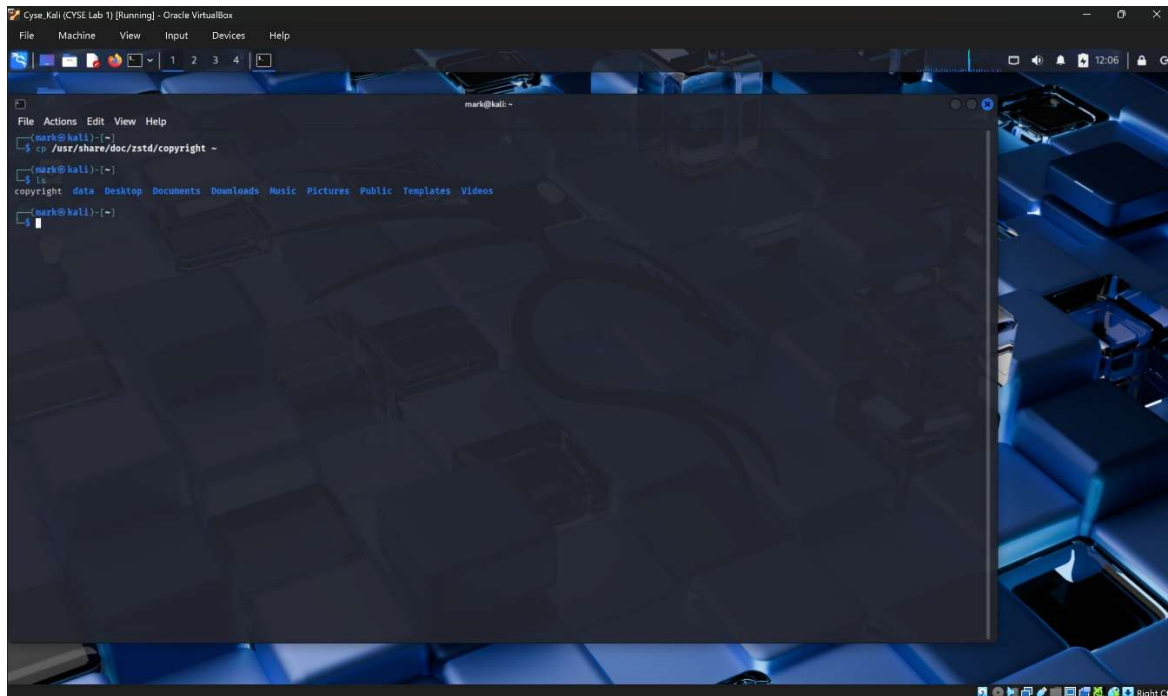


CYSE 270 Assignment 3

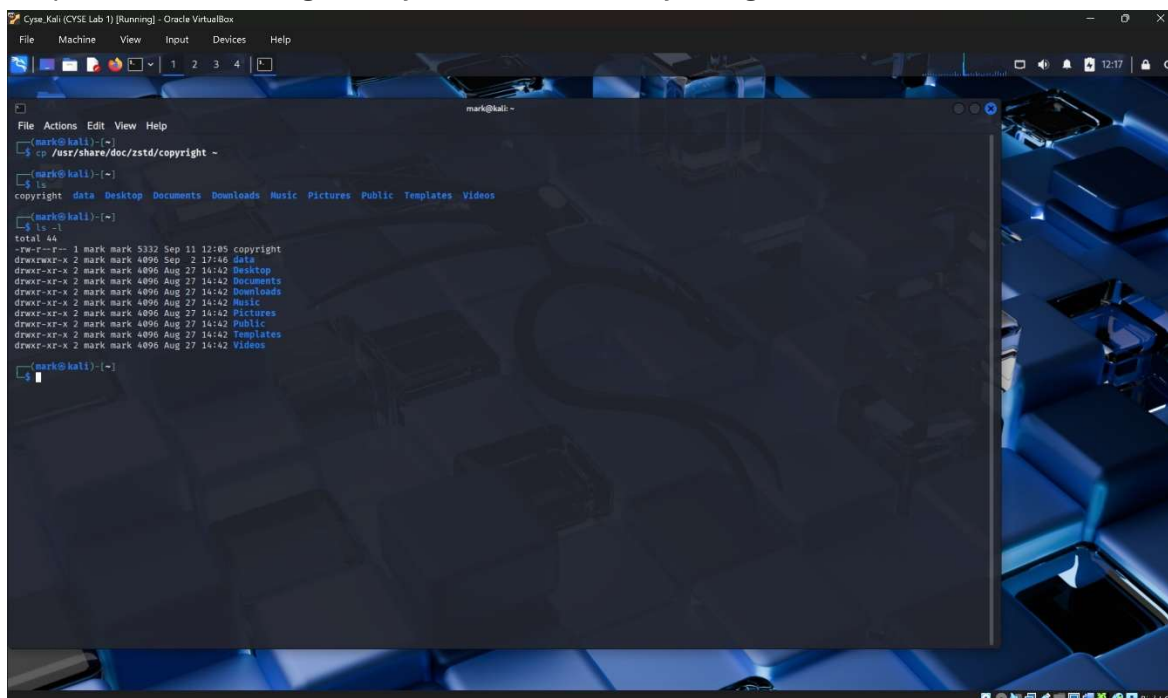
Step 1 - Copy the file /usr/share/doc/zstd/copyright to your home directory.



```
mark@kali:~$ cp /usr/share/doc/zstd/copyright ~
mark@kali:~$ ls
copyright  data  Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos
```

cp /usr/share/doc/zstd/copyright ~

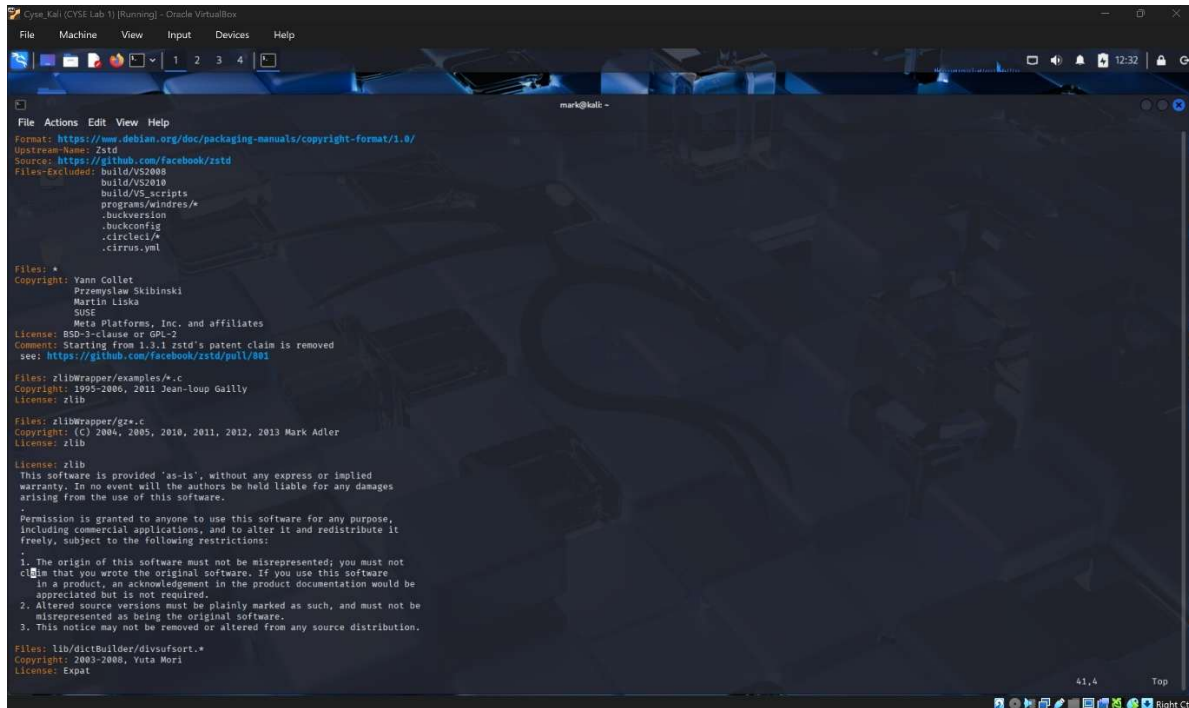
Step 2 - Perform a long list in your home directory using the correct command.



```
mark@kali:~$ ls -l
total 44
-rw-r--r-- 1 mark mark 5332 Sep 11 12:05 copyright
drwxrwxr-x 2 mark mark 4096 Sep  2 17:46 data
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Desktop
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Documents
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Downloads
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Music
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Pictures
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Public
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Templates
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Videos
```

ls -l

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



```
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/v52008
                build/v52010
                build/v5_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
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/881

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

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

License: zlib
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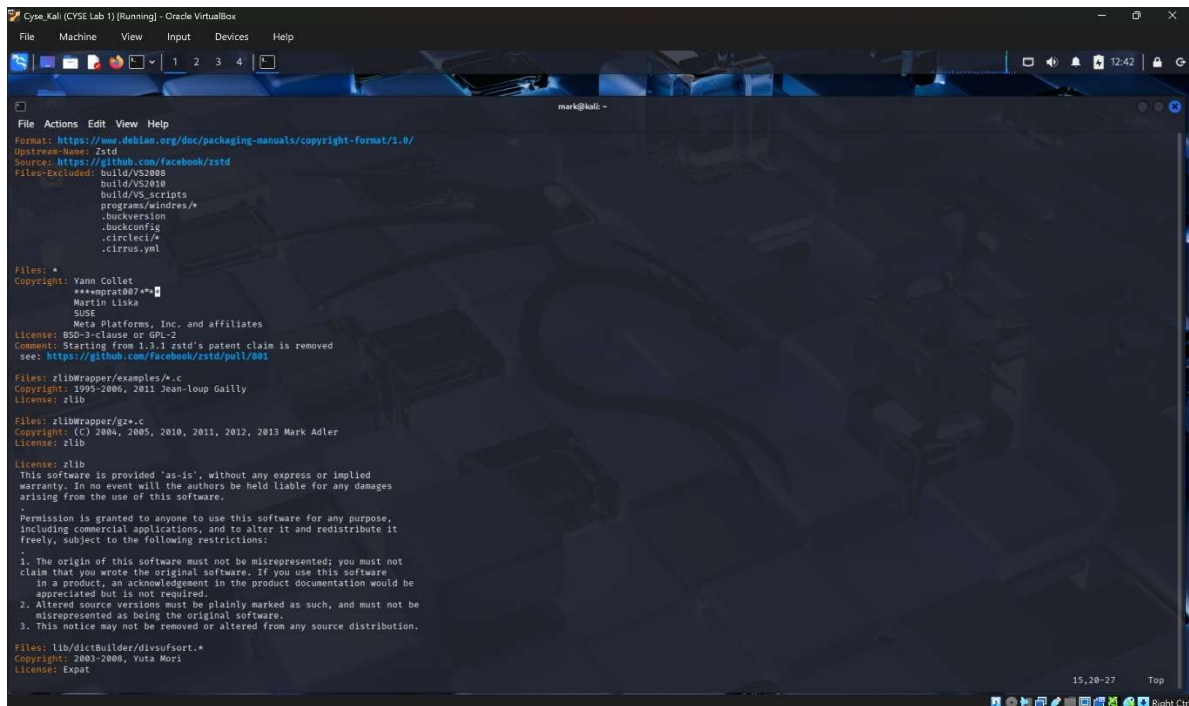
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in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Files: lib/dictBuilder/dictBuilder.*
Copyright: 2003-2006, Yuta Mori
License: Expat

41,4 Top
```

vi copyright

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



```
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/v52008
                build/v52010
                build/v5_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
           ***midas007***
           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/881

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

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

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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/dictBuilder.*
Copyright: 2003-2006, Yuta Mori
License: Expat

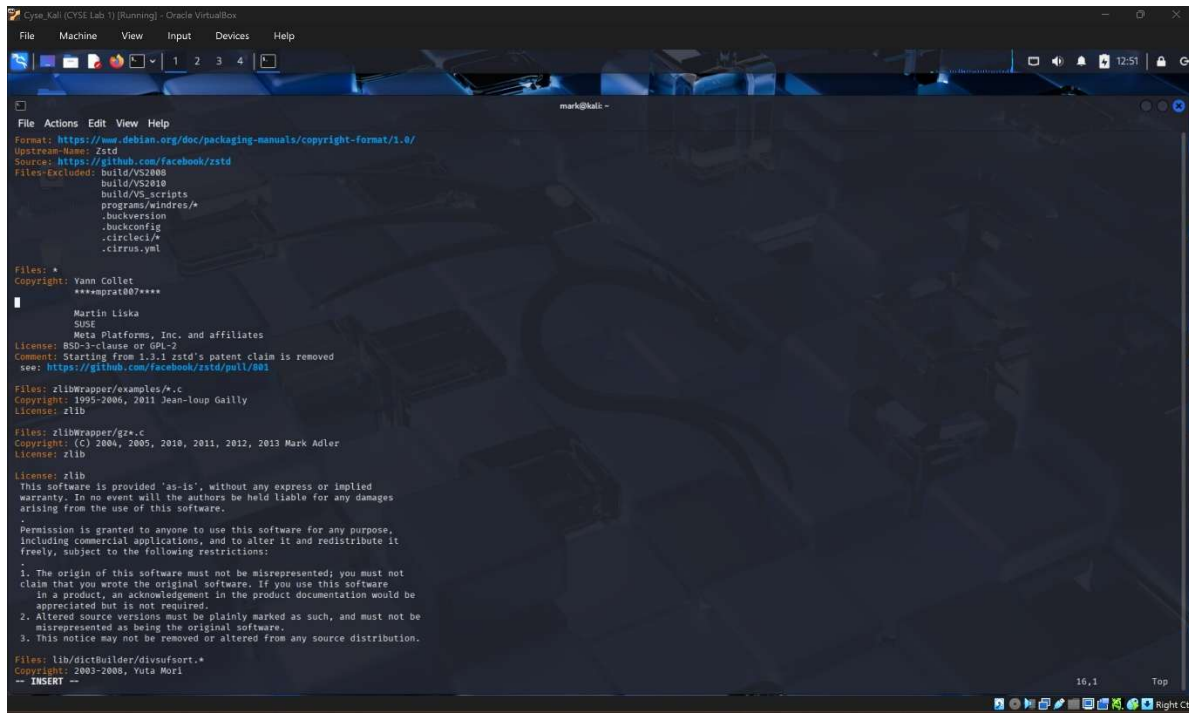
15,20~27 Top
```

used "i" to enter insert mode then edited line 15 then pressed esc to exit mode

Step 5 – Return to the command mode.

“esc” key

Step 6 - Open a new line below the current line using correct command.



The screenshot shows a terminal window titled "Cyre_Kali (CYRE Lab 1) [Running] - Oracle VirtualBox". The terminal displays the output of a command, likely `cat`, showing the metadata and license for a file named `zstd`. The output includes the upstream name, source URL, excluded files, copyright information for Yann Collet, Martin Liska, and Meta Platforms, Inc., and the zlib license text. The terminal is in command mode, indicated by the `-- INSERT --` prompt at the bottom.

```
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/v52008
                  build/v52109
                  build/v5_scripts
                  programs/windres/*
                  .buckversion
                  .buckconfig
                  .circleci/*
                  .cirrus.yml

Files: *
Copyright: Yann Collet
          ****mpat007****
          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/881

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

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

License: zlib
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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.

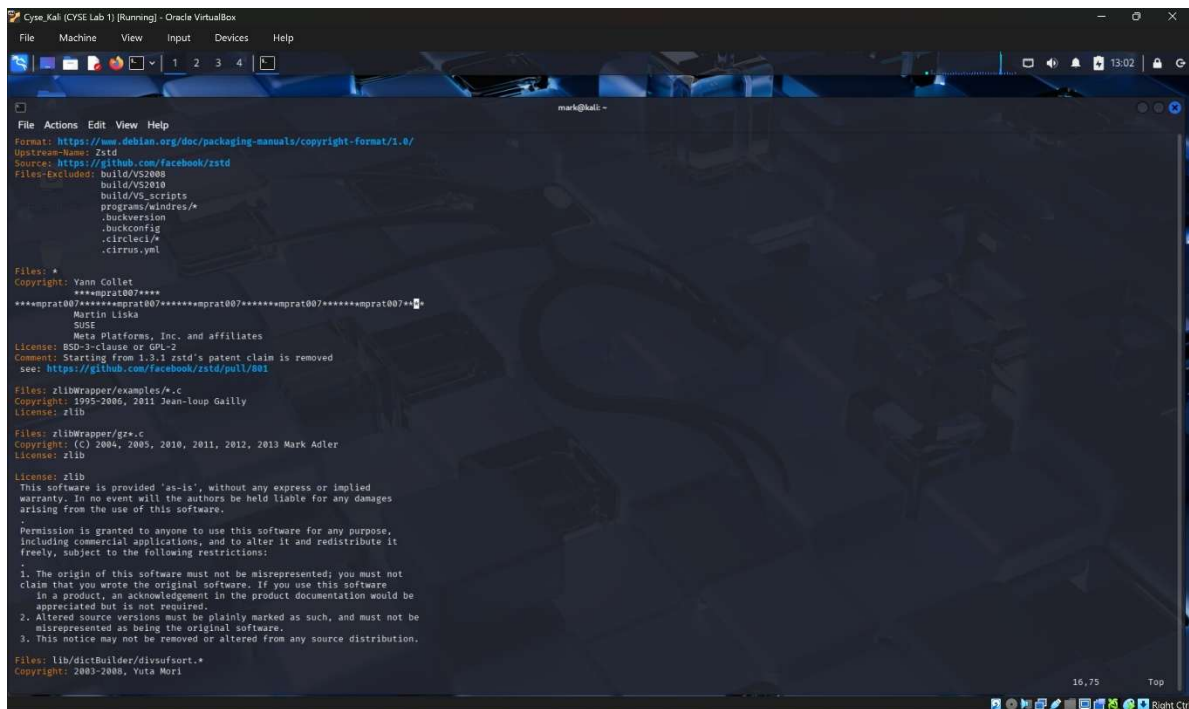
Files: lib/dictBuilder/divsufsort.*
Copyright: 2003-2008, Yuta Mori
-- INSERT --
```

used “o” command to open new line below the current line

Step 7 - Return to the command mode.

“esc” key

Step 8 - Use command to Insert “****XXXX ****” five times.



```
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/V52008
                build/V52009
                build/V5_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          ****mprat007****
          ****mprat007****mprat007****mprat007****mprat007****mprat007****
          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/*.*
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

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

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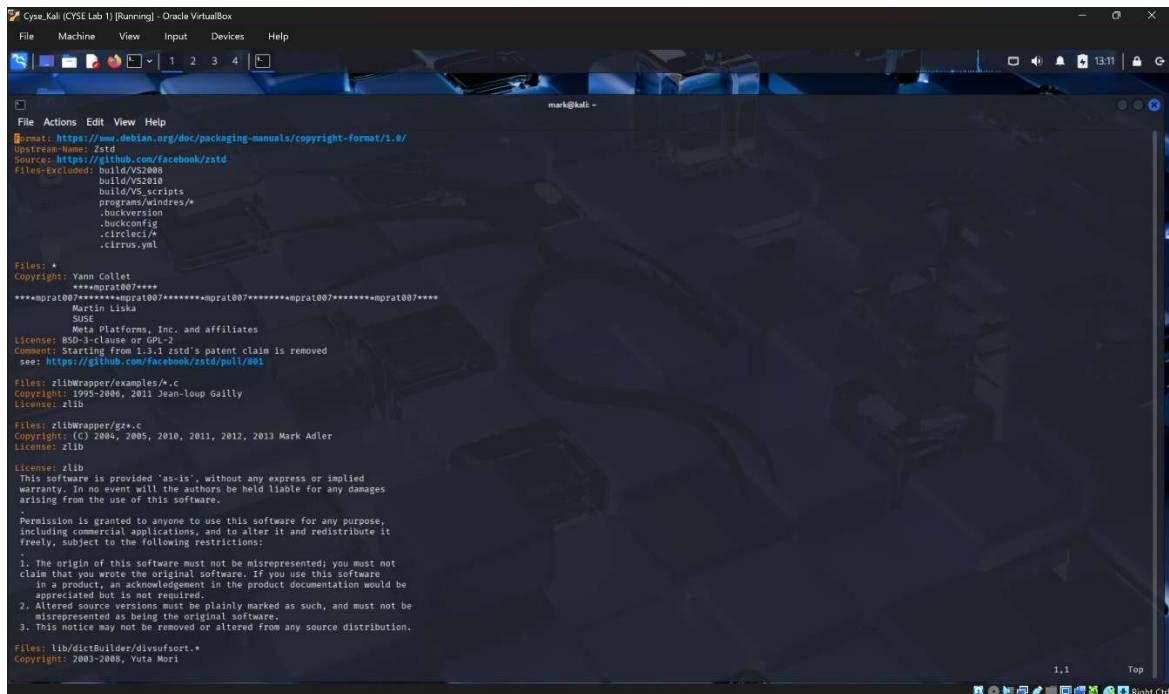
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2. Altered source versions must be plainly marked as such, and must not be
   misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

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

16,75 Top
```

used “5i****mprat007****” then pressed “esc”

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



```
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/V52008
                build/V52009
                build/V5_scripts
                programs/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          ****mprat007****
          ****mprat007****mprat007****mprat007****mprat007****mprat007****
          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/*.*
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib

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

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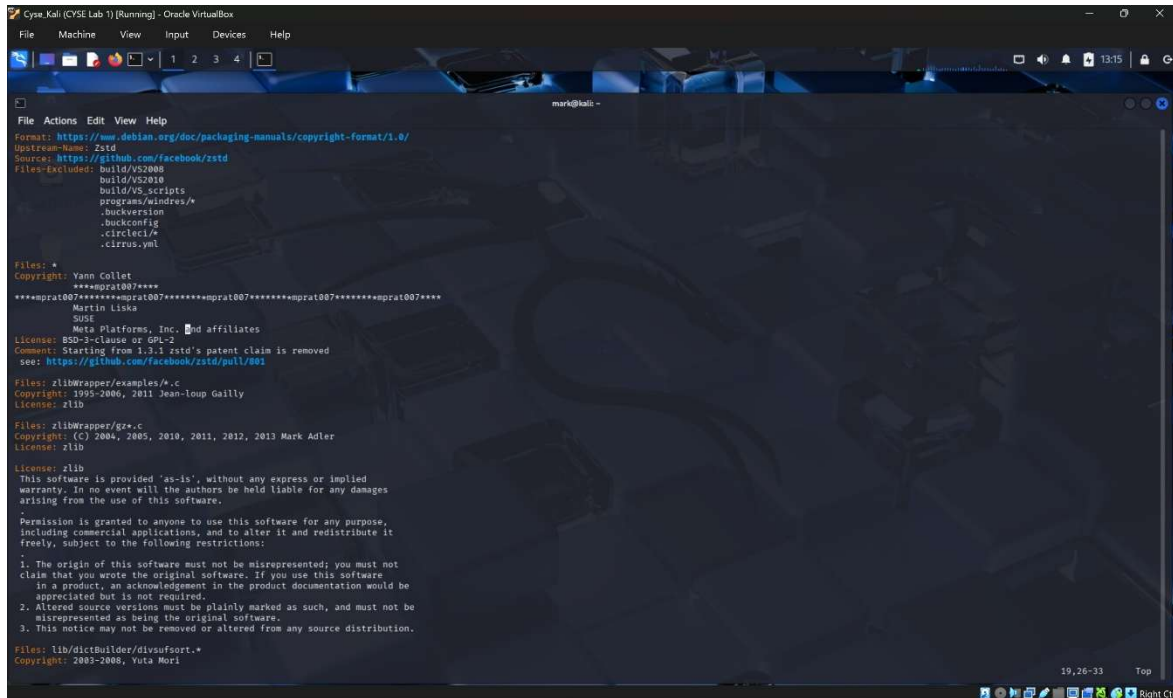
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2. Altered source versions must be plainly marked as such, and must not be
   misrepresented as being the original software.
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Files: lib/dictBuilder/divsufsort.*
Copyright: 2003-2008, Yuta Mori

1,1 Top
```

used “[[” to return to the top of the file

Step 10 - Move forward three sentences.



```
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/V52000
                build/V52010
                build/V5_scripts
                program/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          *****pratt007*****
          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/w.c
Copyright: 1995-2000, 2011 Jean-loup Gailly
License: zlib

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

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arising from the use of this software.

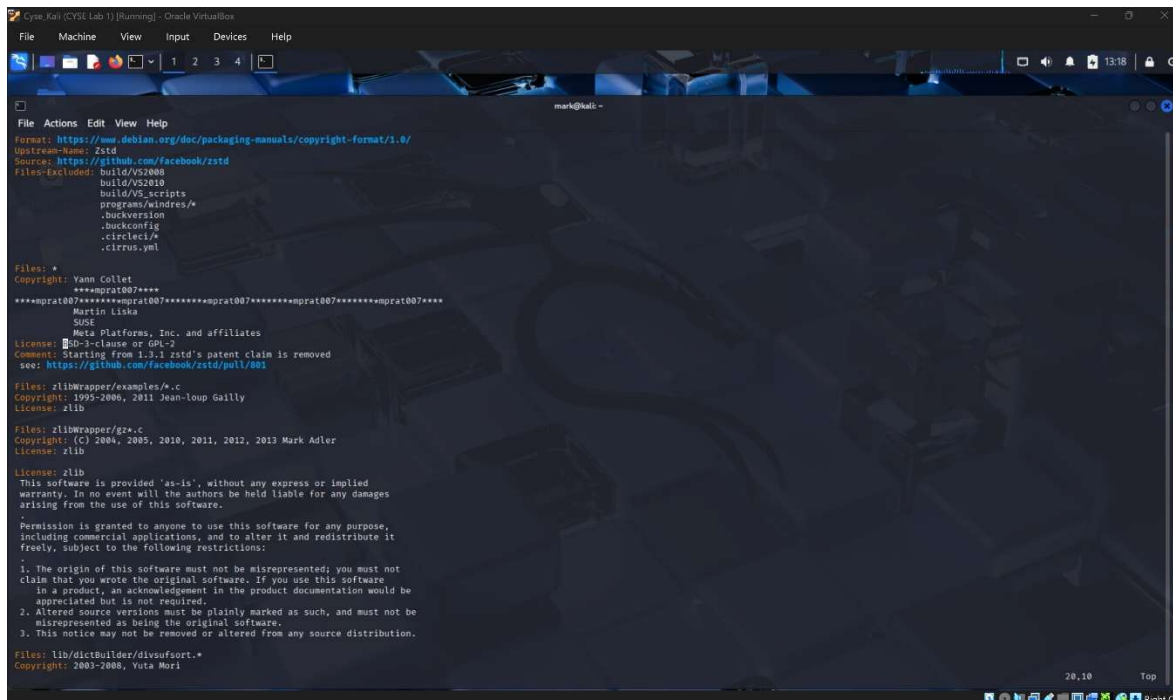
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2. Altered source versions must be plainly marked as such, and must not be
   misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Files: lib/dictbuilder/divsufsort.*
Copyright: 2003-2009, Yuta Mori
```

used “3)” to move forward three sentences

Step 11 - Move forward four words.



```
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/V52000
                build/V52010
                build/V5_scripts
                program/windres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          *****pratt007*****
          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/w.c
Copyright: 1995-2000, 2011 Jean-loup Gailly
License: zlib

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

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arising from the use of this software.

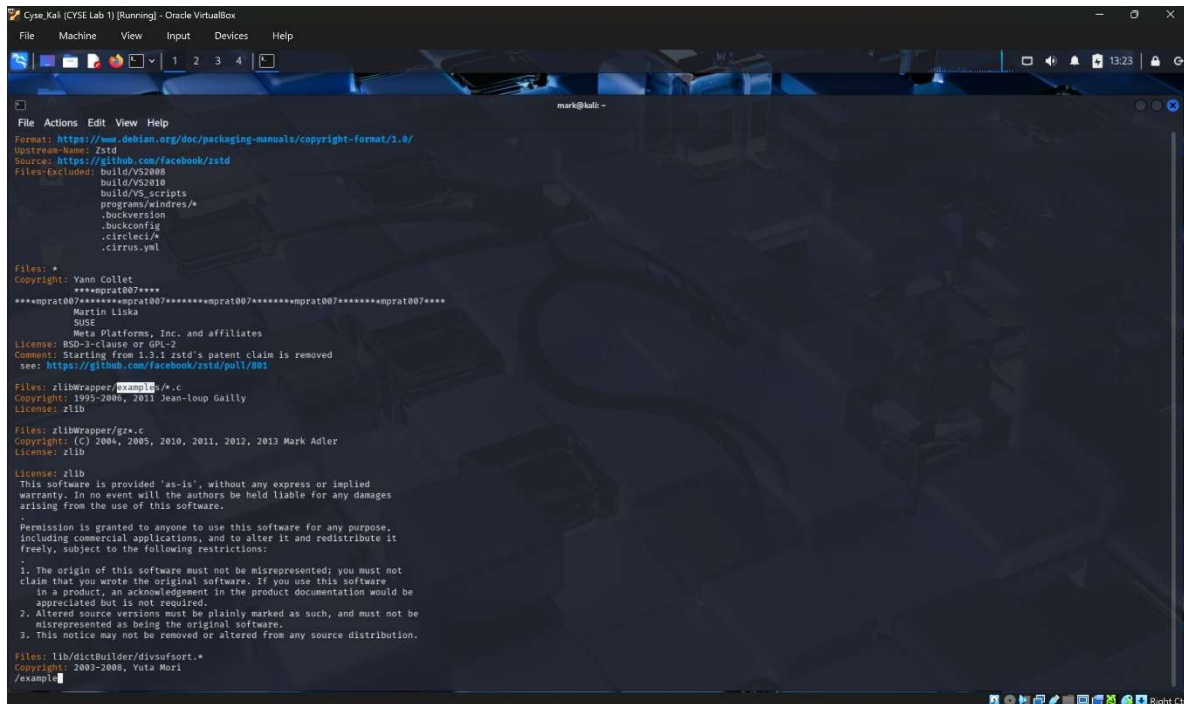
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1. The origin of this software must not be misrepresented; you must not
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Files: lib/dictbuilder/divsufsort.*
Copyright: 2003-2009, Yuta Mori
```

used “4w” to move forward four words.

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



The screenshot shows a terminal window titled 'Cysse_Kali (CYS Lab 1) [Running] - Oracle VM VirtualBox'. The terminal displays the contents of a file named 'example.c'. The file contains a copyright notice for Yann Collet, a license (BSD-3-clause or GPL-2), and a list of files included in the package. The file is located at 'build/V5_scripts/programs/sindres/4'.

```
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: build/V52000
                build/V52010
                build/V5_scripts
                programs/sindres/4
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          *****mptrat007*****
          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/example.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

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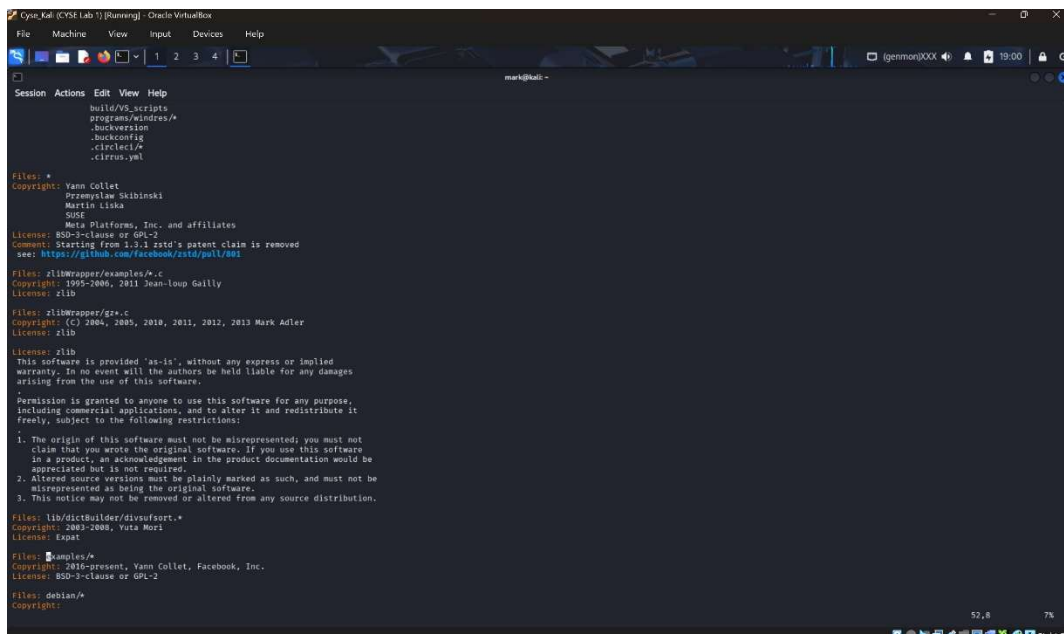
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   misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Files: lib/dictBuilder/divsufsort.*
Copyright: 2003-2009, Yuta Mori
/example
```

Used “/example” to find example in text

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



The screenshot shows a terminal window titled 'Cysse_Kali (CYS Lab 1) [Running] - Oracle VM VirtualBox'. The terminal displays the contents of a file named 'examples.c'. The file contains a copyright notice for Yann Collet, a license (BSD-3-clause or GPL-2), and a list of files included in the package. The file is located at 'build/V5_scripts/programs/sindres/4'.

```
Session Actions Edit View Help
                build/V5_scripts
                programs/sindres/4
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          Drzymylaw 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

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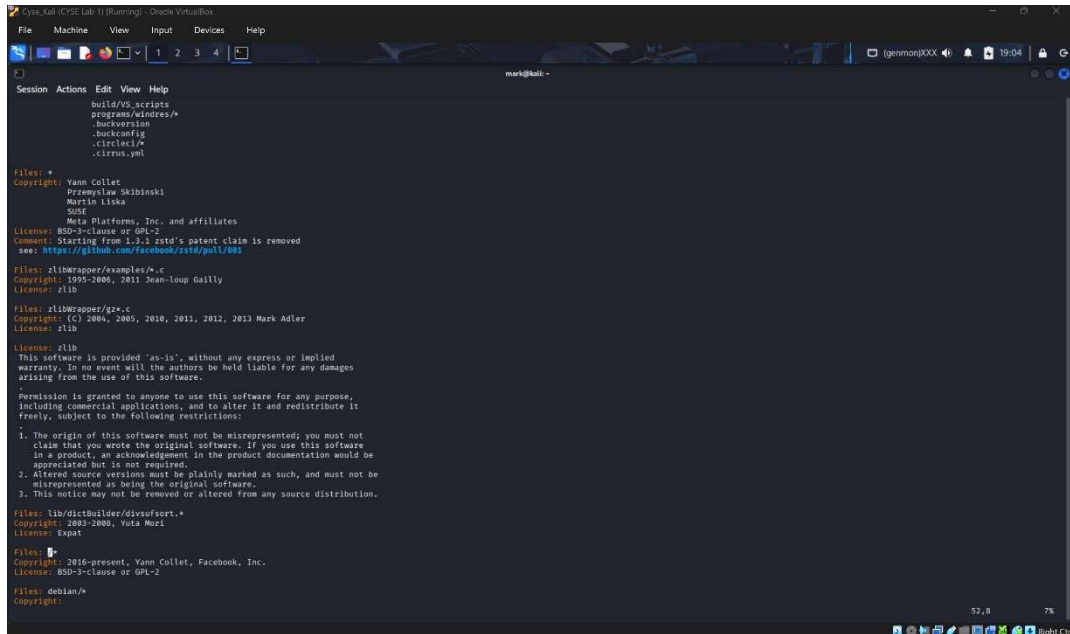
Files: lib/dictBuilder/divsufsort.*
Copyright: 2003-2009, Yuta Mori
License: Expat

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

Files: debian/*
Copyright:
```

used ‘n’ to go to next occurrence of example

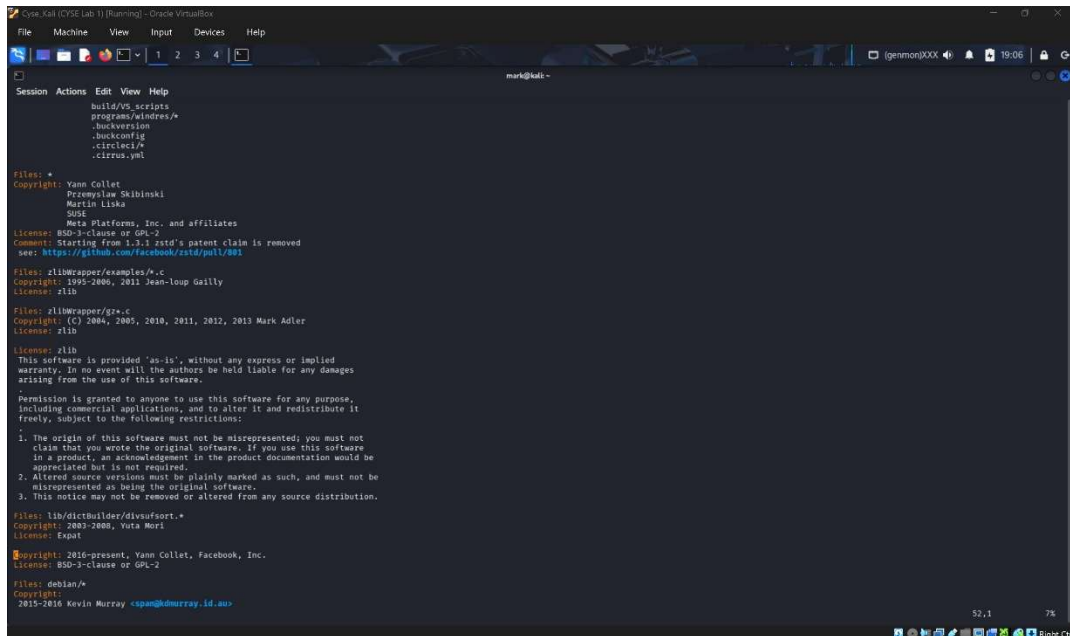
Step 14 – Delete the current word, example



```
Cysx_Kali (CYSX Lab 1) (Running) - Oracle VM VirtualBox
File Machine View Input Devices Help
1 2 3 4
mark@kali ~
Session Actions Edit View Help
build/VS_scripts
programs/windres/*
.backversion
.backconfig
.circleci/*
.cirrus.yml
Files: *
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/881
Files: zlibwrapper/examples/*.*
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib
Files: zlibwrapper/gzi.c
Copyright: (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
License: zlib
License: zlib
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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: 2003-2006, Yuta Mori
License: Expat
Files: *
Copyright: 2016-present, Yann Collet, Facebook, Inc.
License: BSD-3-clause or GPL-2
Files: debian/*
Copyright:
2015-2016 Kevin Murray <span@murray.id.au>
```

used 'dw' to delete the word example in vi

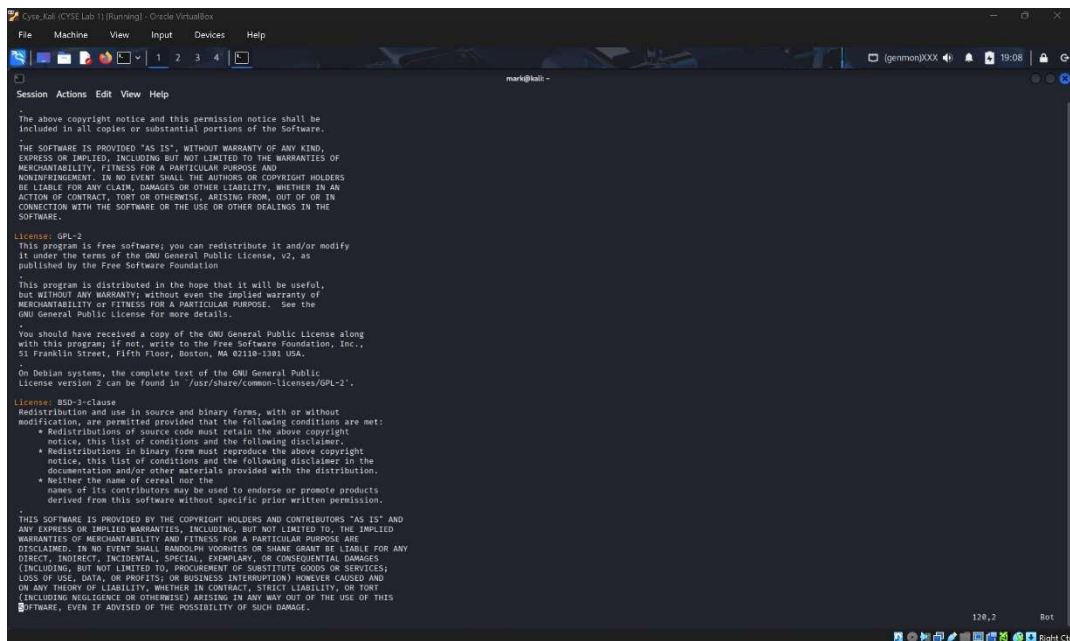
Step 15 – Delete the current line.



```
Cysx_Kali (CYSX Lab 1) (Running) - Oracle VM VirtualBox
File Machine View Input Devices Help
1 2 3 4
mark@kali ~
Session Actions Edit View Help
build/VS_scripts
programs/windres/*
.backversion
.backconfig
.circleci/*
.cirrus.yml
Files: *
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/881
Files: zlibwrapper/examples/*.*
Copyright: 1995-2006, 2011 Jean-loup Gailly
License: zlib
Files: zlibwrapper/gzi.c
Copyright: (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
License: zlib
License: zlib
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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: 2003-2006, 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 <span@murray.id.au>
```

used 'dd' to delete the line

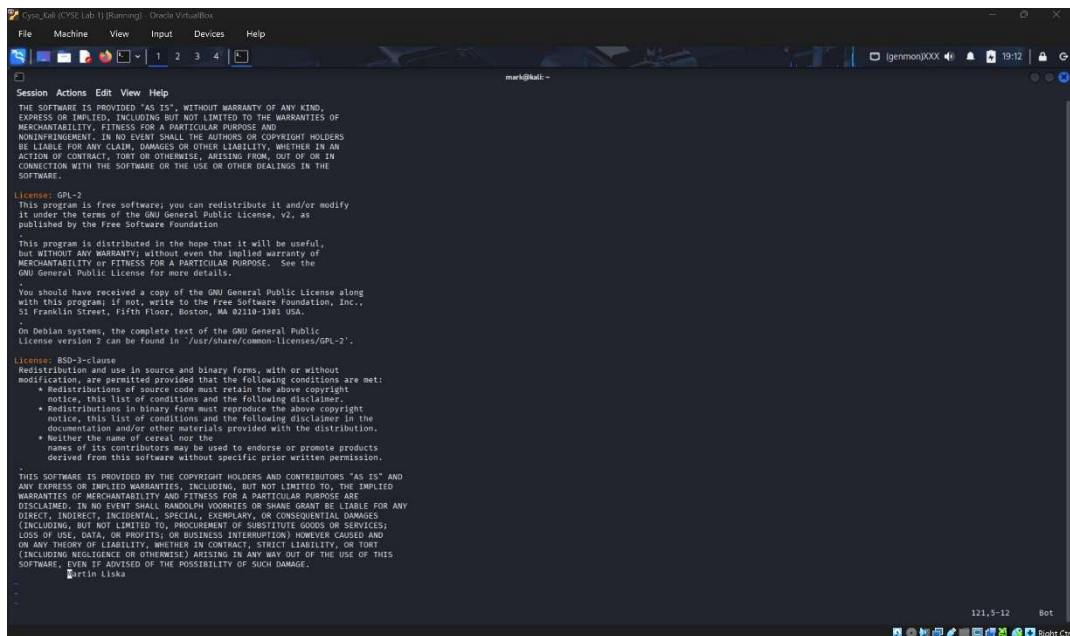
Step 16 – Use command to jump to the end of the file



The screenshot shows a terminal window titled 'Cysc_Gali (CYS Lab 1) (Running) - Oracle VM VirtualBox'. The terminal displays the contents of a file, which appears to be a license or disclaimer. The text includes sections for 'License: GPL-2' and 'License: BSD-3-clause'. The cursor is positioned at the end of the file, after the last line of text. The terminal window has a menu bar with 'File', 'Machine', 'View', 'Input', 'Devices', and 'Help'. The status bar at the bottom shows '120,2' and 'Bot'.

used ‘Shift g’ to go to end of file.

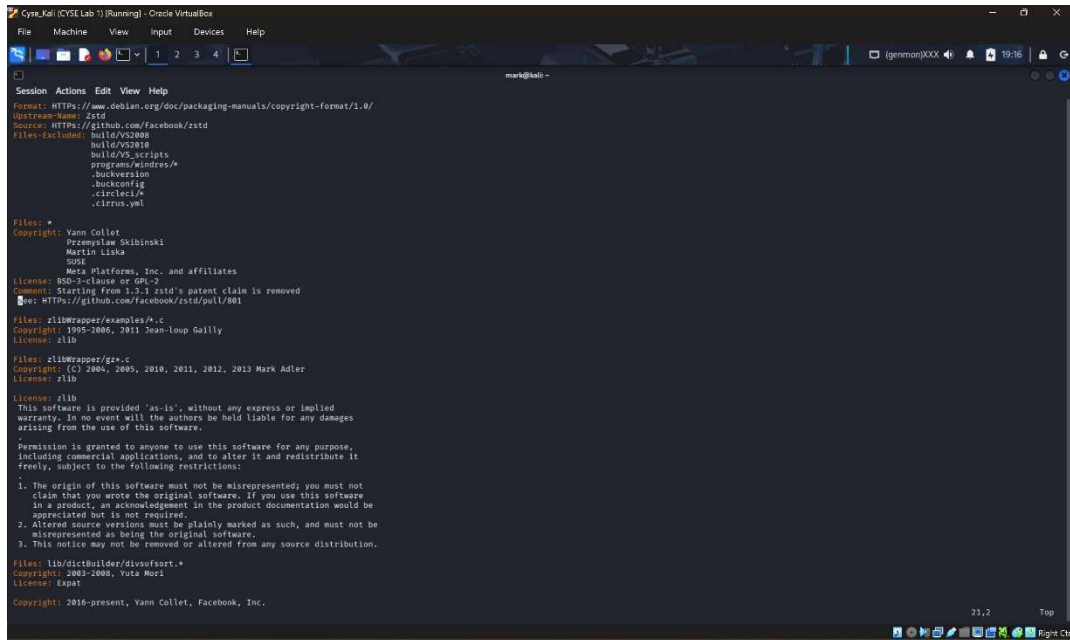
Step 17 – Copy line 16 and paste the text at the end of the document.



The screenshot shows the same terminal window as in Step 16. The cursor is now at the end of the file, after the last line of text. The text from line 16 of the document is pasted at the end of the file. The terminal window has a menu bar with 'File', 'Machine', 'View', 'Input', 'Devices', and 'Help'. The status bar at the bottom shows '121,5-12' and 'Bot'.

used ‘16 shift g’ to get to line 16, ‘yy’ to copy, ‘shift g’ to go to end of file and ‘p’ to paste.

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



```
Session Actions Edit View Help
Focus: HTTPS://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
UpstreamName: zstd
Source: HTTPS://github.com/facebook/zstd
Files-Excluded: build/v2008
                build/v2010
                build/v2016
                program/winres/*
                .buckversion
                .buckconfig
                .circleci/*
                .cirrus.yml

Files: *
Copyright: Yann Collet
          Przemyslaw Skibinski
          Martin Liska
          BSD
          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: zstdwrapper/examples/*.*
Copyright: 1995-2009, 2011 Jean-loup Gailly
License: zlib

Files: zstdwrapper/gz.c
Copyright: (C) 2009, 2009, 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
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:

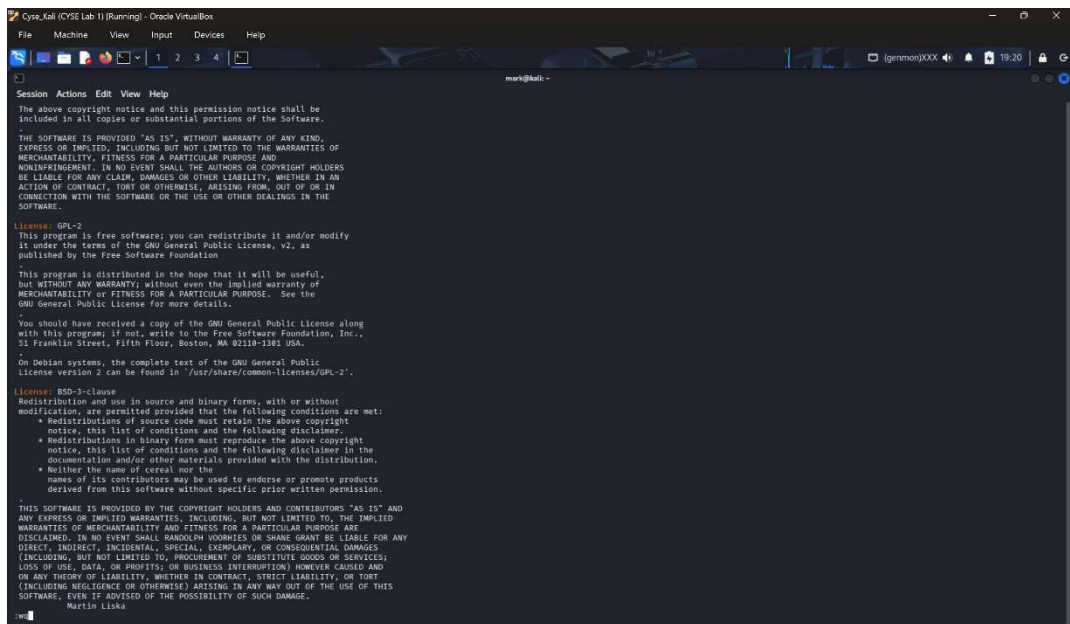
1. The origin of this software must not be misrepresented; you must not
claim that you wrote the original software. If you use this software
in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, 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: Lpat

Copyright: 2016-present, Yann Collet, Facebook, Inc.
```

used :%s/http/HTTP/g – enter this changed all instances of lc http to uc HTTP

Step 19 – Save and quit the document.



```
Session Actions Edit View Help
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51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

On Debian systems, the complete text of the GNU General Public
License version 2 can be found in '/usr/share/common-licenses/GPL-2'.

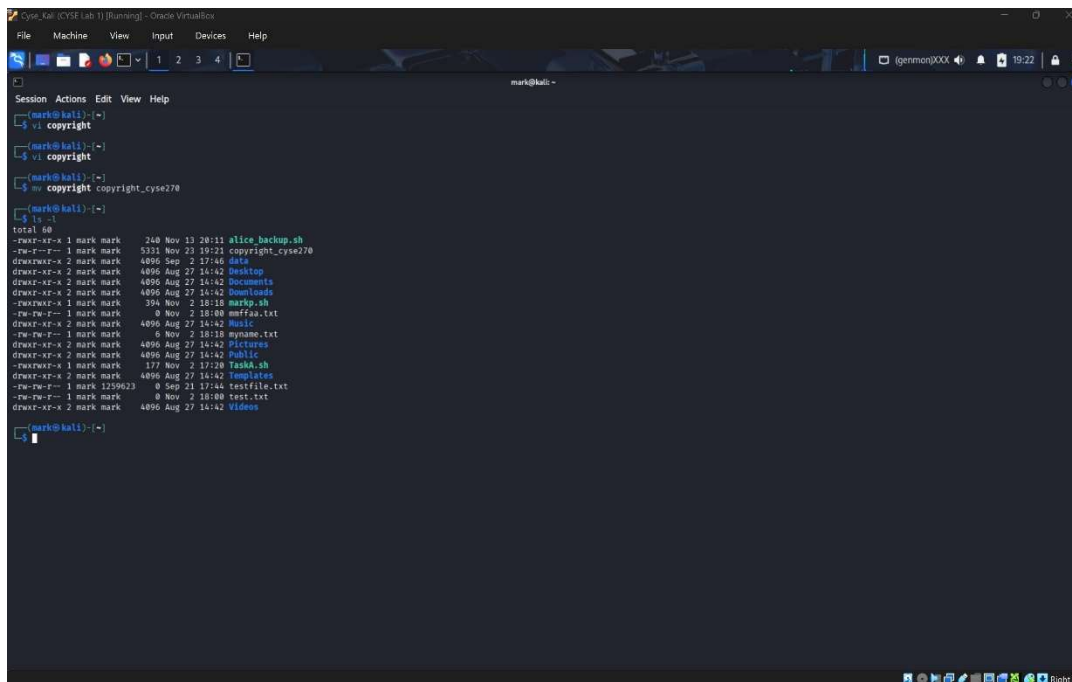
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Martin Liska
```

used :wq to save and quit.

Step 20 – Rename the file copyright to copyright_cyse270.



The screenshot shows a Kali Linux terminal window with the following commands and output:

```
mark@kali:~$ vi copyright
mark@kali:~$ vi copyright
mark@kali:~$ mv copyright copyright_cyse270
mark@kali:~$ ls -l
total 60
-rwxr-xr-x 1 mark mark 260 Nov 13 20:11 alice_backup.sh
-rw-r--r-- 1 mark mark 5211 Nov 23 19:21 copyright_cyse270
drwxrwxr-x 2 mark mark 4096 Sep 2 17:46 data
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Desktop
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Documents
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Downloads
-rwxr-xr-x 1 mark mark 394 Nov 2 18:18 markp.sh
-rw-rw-r-- 1 mark mark 0 Nov 2 18:00 mmy2a.txt
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Music
-rw-rw-r-- 1 mark mark 6 Nov 2 18:18 myname.txt
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Pictures
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Public
-rwxr-xr-x 1 mark mark 177 Nov 2 17:20 taskA.sh
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Templates
-rw-rw-r-- 1 mark 1259623 0 Sep 21 17:44 testfile.txt
-rw-rw-r-- 1 mark mark 0 Nov 2 18:00 test.txt
drwxr-xr-x 2 mark mark 4096 Aug 27 14:42 Videos
```

used mv copyright copyright_cyse270 to rename, used ls -l to confirm.