

Report on execution of Terminal Commands

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1 Terminal Commands

```
1  sudo apt install texlive-latex-extra
2  sudo apt install texlive-latex-extra
3  sudo apt install texlive-latex-extra
4  sudo apt install texstudio
5  sudo apt install tikz
6  sudo apt install tikzit
7  sudo apt install xfig
8  sudo apt install gnuplot
9  sudo apt install yed
10  chmod +x yEd-3.13_*-bit_setup.sh
11  wget http://www.yworks.com/products/yed/demo/yEd-3.13_64-bit_setup.sh
12  chmod +x yEd-3.13_*-bit_setup.sh
13  ./yEd-3.13_*-bit_setup.sh
14  kpsewhich etoolbox.sty
15  kpsewhich circuitikz.sty
16  kpsewhich yed.sty
17  kpsewhich gnuplot.sty
18  kpsewhich veusz.sty
19  kpsewhich xfig.sty
20  kpsewhich tikz.sty
21  sudo apt-get install -y gnuplot
22  sudo apt-get install gnuplot
23  sudo apt autoremove libfprint-2-tod1
24  kpsewhich gnuplot
25  gnuplot
26  ./yEd-3.20.1_with-JRE14_64-bit_setup.sh
27  ./<yEd-3.20.1_with-JRE14_64-bit_setup.sh>
28  /home/madhur/downloads/yEd-3.20.1_with-JRE14_64-bit_setup.sh
29  /home/madhur/Downloads/yEd-3.20.1_with-JRE14_64-bit_setup.sh
30  chmod +x /home/madhur/Downloads
31  /home/madhur/Downloads/yEd-3.20.1_with-JRE14_64-bit_setup.sh
32  chmod +x /home/madhur/Downloads/yEd-3.20.1_with-JRE14_64-bit_setup.sh
33  /home/madhur/Downloads/yEd-3.20.1_with-JRE14_64-bit_setup.sh
34  sudo apt install ubuntu-make
35  umake ide eclipse-cpp
36  umake ide eclipse
37  umake --version
38  umake ide--help
39  umake ide --help
40  umake eclipse-cpp
41  umake eclipse -cpp
42  umake ide eclipse -cpp
43  umake ide eclipse-cpp
44  umake ide eclipse
```

```

45 umake ide eclipse-cpp-
46 umake ide --help
47 umake ide eclipse-cpp
48 umake ide eclipse-cpp-
49 umake ide -eclipse-cpp-
50 umake --list
51 umake ide -eclipse-jee
52 umake ide eclipse-jee
53 umake ide eclipse-jee-
54 umake ide eclipse-jee
55 umake ide eclipse-jee
56 sudo apt-get update
57 sudo apt-get gdb
58 sudo apt-get doxygen
59 sudo apt-get install gdb
60 sudo apt-get install doxygen
61 sudo apt-get install xgdb
62 sudo apt-get install cbeaut
63 sudo apt-get install Cbeaut
64 sudo apt-get install bcpp
65 sudo apt-get install jsbeautifier
66 gcc --version
67 make --version
68 sudo apt-get install patch
69 sudo apt-get install diff
70 sudo apt-get install git
71 sudo apt-get install objcopy
72 sudo apt-get install nm
73 sudo apt-get install strip
74 objdump '/bin/add-apt-repository'
75 objdump --syms '/bin/add-apt-repository'
76 objdump --syms /bin/add-apt-repository
77 '/bin/activate-global-python-argcomplete3'
78 objcopy '/bin/X11/411toppm'
79 readelf '/bin/X11/411toppm'
80 readelf -I '/bin/X11/411toppm'
81 sudo apt-get MindMap
82 sudo apt-get install MindMap
83 sudo apt-get install xmind
84 sudo apt-get install
85 sudo apt-get install '/home/madhur/Downloads/eclipse-inst-linux64.tar.gz'
86 sudo apt install default-jre
87 sudo snap install --classic eclipse
88 sudo snap install -inkscape
89 sudo apt -get install -inkscape
90 sudo apt install inkscape

```

```
91  umake ide eclipse-jee
92  umake ide eclipse-cpp
93  cp '/home/madhur/Downloads/svg2tikz-master' '/usr/share/inkscape/extensions'
94  sudo -r vym
95  sudo apt-get remove eclipse
96  dpkg --list
97  sudo apt-get autoremove
98  sudo apt-get install --eclipse
99  sudo apt-get install eclipse
100 sudo apt-get install
101 java --version
102 sudo apt install default-jre
103 sudo apt-get install eclipse-cpp
104 umake ide eclipse-cpp
105 sudo fdisk -l
106 sudo wipefs --all /dev/sdc
107 sudo apt-get install texmaker
108 sudo apt-get remove texstudio
109 ls
110 ls -al
111 ls -lt
112 cd dir downloads
113 cd downloads
114 cd Downloads
115 cd
116 pwd
117 mkdir sw_lab
118 cd sw_dir
119 cd sw_lab
120 cd
121 pwd
122 more \Downloads\info
123 more \Downloads\intro
124 cd sw_lab
125 touch new.txt
126 more new.txt
127 cd Downloads
128 cd
129 cd Downloads
130 head intro.jpeg
131 head int.jpeg
132 more int.jpeg
133 tail int
134 tail int.jpeg
135 cd
136 cd sw_lab
```

```
137 rm new.txt
138 cd
139 rm -r sw_lab
140 cd sw_lab
141 touch int2.jpeg
142 cp \Downloads\int.jpeg int2.jpeg
143 cd Downloads
144 mv int.jpeg int2.jpeg
145 mv int2.jpeg int.jpeg
146 cd
147 ps
148 top
149 kill pid 2238
150 top
151 kill pid 2338
152 kill 2338
153 kill 3937
154 KILL 2338
155 kill 2338
156 top
157 kill 2735
158 killall top
159 kill -l
160 pkill -l
161 pkill --signal 15
162 pkill Document --signal 15
163 pgrep Document
164 pkill Document
165 top
166 pkill Xorg
167 bg
168 fg
169 chmod octal sample_report.log
170 chmod --help
171 chmod octal-4 sample_report.log
172 chmod octal-w sample_report.log
173 chmod 7 sample_Report.log
174 chmod 7 sample_report.log
175 grep sample sample_report.txt
176 grep sample sample_report.pdf
177 date
178 time
179 uptime
180 cal
181 w
182 whoami
```

```
183 finger madhur
184 sudo apt install finger
185 sudo apt-get update finger
186 sudo apt-get update
187 sudo apt install finger
188 finger madhur
189 uname -a
190 cat/proc/cpuinfo
191 cat
192 proc
193 cpuinfo
194 cpu-info
195 cat proc
196 man command
197 df
198 du
199 fre
200 free
201 whereis team
202 whereis teams
203 whereis latex
204 which app
205 which teams
206 ping 8.8.4.4
207 whois lb.com
208 sudo apt install whois
209 whois lb.com
210 dig lb.com
211 ping 98.158.52.206
212 whois 98.158.52.206
213 rpm -qa wget
214 yum -y install wget
215 apt-get install wget
216 sudo apt-get install wget
217 wget -c https://cdn.openbsd.org/pub/OpenBSD/
218 rm index.html
219 exit
220 jobs
221 kill ping
222 pkill ping
223 jobs
224 pkill ping 8.8.4.4
225 pkill -f 'ping 8.8.4.4'
226 jobs
227 pkill cat
228 jobs
```

```
229 fg
230 jobs
231 exit
232 sudo apt-get install doxyen
233 sudo apt-get install doxygen
234 whereis doxygen
235 ps -a
236 ls -l
237 ls -lr *
238 mkdir sw_lab
239 cd sw_lab
240 rd sw_lab
241 rem sw_lab
242 cd
243 rmdir sw_lab
244 clear
245 mkdir sw_lab
246 cd sw_lab
247 pwd
248 touch sample.txt
249 chmod 4 sample.txt
250 chmod 5 sample.txt
251 chmod 500 sample.txt
252 wc -w sample.txt
253 wc -l sample.txt
254 wc|grep the sample.txt
255 wc | grep the sample.txt
256 grep | wc sample.txt
257 grep -o sample.txt | wc
258 grep -o sample.txt | wc -l
259 grep -o -i sample.txt | wc -l
260 grep the sample.txt | wc -l
261 grep the sample.txt | wc
262 grep -o -w 'the' sample.txt | wc -w
263 grep -o 'the' sample.txt | wc -w
264 grep -o -w 'the' sample.txt | wc -w
265 grep -o -w -i 'the' sample.txt | wc -w
266 grep -w -i 'the' sample.txt | wc -w
267 grep -o -w -i 'the' sample.txt | wc -w
268 grep -w -i the sample
269 grep -w -i the sample.txt
270 grep -o -w -i the sample.txt
271 grep -o -w -i the sample.txt| wc
272 grep -o -w -i the sample.txt| wc -l
273 grep -o -w the sample.txt| wc -l
274 grep -o -i the sample.txt| wc -l
```



```

275 grep -o the sample.txt| wc -l
276 echo "The Earth ech round" >>sample.txt
277 chmod 700 sample.txt
278 echo "The Earth ech round" >>sample.txt
279 date -r sample.txt
280 stat -c "%y" sample.txt
281 stat -m "%y" sample.txt
282 stat -- help
283 stat --help
284 touch -c sample.txt
285 stat -c "%y" sample.txt
286 touch sample2.txt
287 cp | head sample.txt sample2.txt
288 head sample.txt| echo >>sample2.txt
289 head sample.txt >>sample2.txt
290 head -10 sample.txt >> sample2.txt
291 head -1 sample.txt >> sample2.txt
292 head -10 sample.txt >> sample2.txt
293 ln -s /home/Documents/
294 cd Sample_report
295 cd Documents
296 history
297 cd
298 cd sw_lab
299 history >>terminal_sw_lab.tt
300 history >>terminal_sw_lab.txt
301 cd
302 history >>terminal_home.txt
303 cd sw_lab
304 history >>terminal_sw_lab.cmd
305 sed 'l s/^/#!/bin/bash\n/' terminal_sw_lab.txt
306 sed -i 'l s/^/#!/bin/bash\n/' terminal_sw_lab.txt
307 sed -i 'l i/^/#!/bin/bash\n/' terminal_sw_lab.txt
308 sed -i 'l i/#!/bin/bash\n/' terminal_sw_lab.txt
309 sed -i 'l i #!/bin/bash\n/' terminal_sw_lab.txt
310 chmod +x termina_sw_lab.sh
311 mv terminal_sw_lab.txt terminal.sh
312 chmod +x terminal.sh
313 sh terminal.sh
314 sudo apt-get install typora
315 sudo add-apt-repository 'de https://typora.io/linux ./'
316 sudo add-apt-repository 'deb https://typora.io/linux ./'
317 sudo -get update
318 sudo apt-get update
319 sudo apt-get install typora
320 snap install typora

```

```

321 chmod 700 sample_report.log
322 chmod 700 /sw_lab/Documents
323 cd sw_lab
324 ls
325 ls -l
326 ls -a
327 ln -c /home/madhur/Documents /home/madhur/sw_lab
328 ln -s /home/madhur/Documents /home/madhur/sw_lab
329 cd Documents
330 cd
331 cd sw_lab
332 history
333 cd sw_lab
334 history
335 history
336 apt-file -x search '/textcomp.sty$'
337 sudo apt install apt-file
338 apt-file -x search '/textcomp.sty$'
339 apt -file update
340 apt-file update
341 apt-file -x search '/textcomp.sty$'
342 sudo apt-file update
343 install -tl -gui
344 install-tl -gui
345 sudo apt-get install texstudio
346 sudo apt-get rem texstudio
347 sudo apt rem texstudio
348 sudo apt-get remove texstudio
349 sudo apt-get install texstudio
350 history
351 '/home/madhur/Downloads/fig2ps.1.gz'
352 sudo '/home/madhur/Downloads/fig2ps.1.gz'
353 sudo apt-get install -y fig2eps
354 sudo apt-get install -y fig2ps
355 fig2ps trial1.fig
356 inkscape -D image.svg -o image.pdf --export-latex
357 clear
358 mkdir sw_lb
359 clear
360 mkdir sw_lb
361 cd sw_lb
362 pwd
363 touch sample.txt
364 chmod 5 sample.txt
365 chmod 500 sample.txt
366 chmod 600 sample.txt

```

```

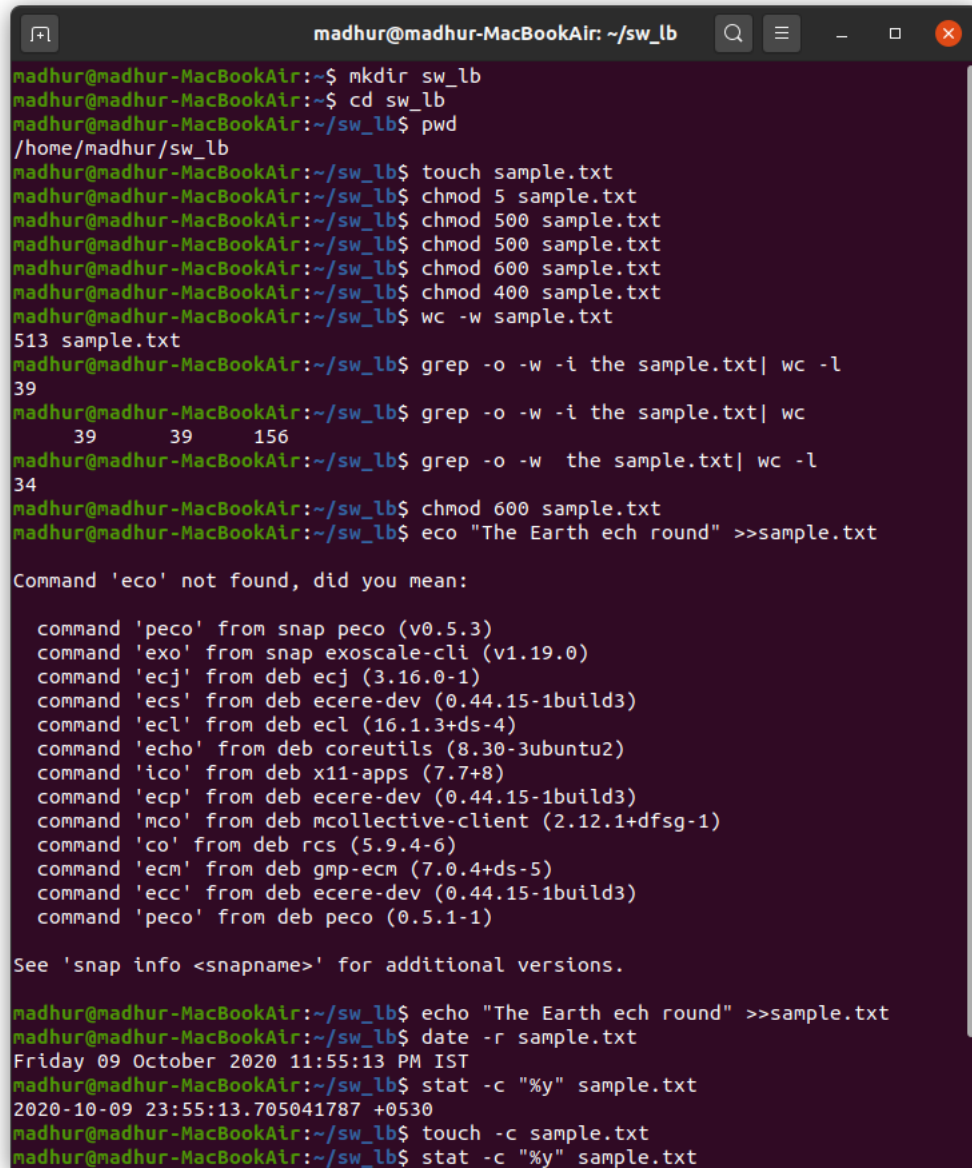
367  chmod 400 sample.txt
368  wc -w sample.txt
369  grep -o -w -i the sample.txt| wc -l
370  grep -o -w -i the sample.txt| wc
371  grep -o -w the sample.txt| wc -l
372  chmod 600 sample.txt
373  echo "The Earth ech round" >>sample.txt
374  echo "The Earth ech round" >>sample.txt
375  date -r sample.txt
376  stat -c "%y" sample.txt
377  touch -c sample.txt
378  stat -c "%y" sample.txt
379  touch sample2.txt
380  head -10 sample.txt >> sample2.txt
381  ln -s /home/Documents/
382  history >>terminal.cmd

```

Note

- Should have deleted the history first before taking the output to the file. Commands given in the assignment are from 360 onwards.
- Hadn't taken the screenshots on the first day. So executed the commands again today.

2 Screenshots



```
madhur@madhur-MacBookAir: ~/sw_lb
madhur@madhur-MacBookAir:~$ mkdir sw_lb
madhur@madhur-MacBookAir:~$ cd sw_lb
madhur@madhur-MacBookAir:~/sw_lb$ pwd
/home/madhur/sw_lb
madhur@madhur-MacBookAir:~/sw_lb$ touch sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ chmod 5 sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ chmod 500 sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ chmod 500 sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ chmod 600 sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ chmod 400 sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ wc -w sample.txt
513 sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ grep -o -w -i the sample.txt| wc -l
39
madhur@madhur-MacBookAir:~/sw_lb$ grep -o -w -i the sample.txt| wc
      39      39     156
madhur@madhur-MacBookAir:~/sw_lb$ grep -o -w the sample.txt| wc -l
34
madhur@madhur-MacBookAir:~/sw_lb$ chmod 600 sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ echo "The Earth ech round" >>sample.txt

Command 'eco' not found, did you mean:

command 'peco' from snap peco (v0.5.3)
command 'exo' from snap exoscale-cli (v1.19.0)
command 'ecj' from deb ecj (3.16.0-1)
command 'ecs' from deb ecere-dev (0.44.15-1build3)
command 'ecl' from deb ecl (16.1.3+ds-4)
command 'echo' from deb coreutils (8.30-3ubuntu2)
command 'ico' from deb x11-apps (7.7+8)
command 'ecp' from deb ecere-dev (0.44.15-1build3)
command 'mco' from deb mcollective-client (2.12.1+dfsg-1)
command 'co' from deb rcs (5.9.4-6)
command 'ecm' from deb gmp-ecm (7.0.4+ds-5)
command 'ecc' from deb ecere-dev (0.44.15-1build3)
command 'peco' from deb peco (0.5.1-1)

See 'snap info <snapname>' for additional versions.

madhur@madhur-MacBookAir:~/sw_lb$ echo "The Earth ech round" >>sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ date -r sample.txt
Friday 09 October 2020 11:55:13 PM IST
madhur@madhur-MacBookAir:~/sw_lb$ stat -c "%y" sample.txt
2020-10-09 23:55:13.705041787 +0530
madhur@madhur-MacBookAir:~/sw_lb$ touch -c sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ stat -c "%y" sample.txt
```

```
madhur@madhur-MacBookAir:~/sw_lb$ touch -c sample.txt
madhur@madhur-MacBookAir:~/sw_lb$ stat -c "%y" sample.txt
2020-10-09 23:57:21.061100300 +0530
madhur@madhur-MacBookAir:~/sw_lb$ touch sample2.txt
madhur@madhur-MacBookAir:~/sw_lb$ head -10 sample.txt >> sample2.txt
madhur@madhur-MacBookAir:~/sw_lb$ ln -s /home/Documents/
madhur@madhur-MacBookAir:~/sw_lb$ history >>terminal.cmd
madhur@madhur-MacBookAir:~/sw_lb$
```