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KELAS E  
MODUL 5 PRAKTIKUM SO

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Terminal - root@kayonpc10:/home/kayon-pc10
File Edit View Terminal Tabs Help
kayon-pc10@kayonpc10:~$ sudo su
[sudo] password for kayon-pc10:
root@kayonpc10:/home/kayon-pc10#
root@kayonpc10:/home/kayon-pc10# echo halo dunia
halo dunia
root@kayonpc10:/home/kayon-pc10# date
Tue Oct 9 16:39:35 WIB 2019
root@kayonpc10:/home/kayon-pc10# hostname
kayonpc10
root@kayonpc10:/home/kayon-pc10# arch
x86_64
root@kayonpc10:/home/kayon-pc10# uname -a
Linux kayonpc10 5.0.0-31-generic #33-18.04.1-Ubuntu SMP Tue Oct 1 10:20:39 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux
root@kayonpc10:/home/kayon-pc10# dmesg|more
[ 0.000000] microcode: microcode updated early to revision 0x27, date = 2019-02-26
[ 0.000000] Linux version 5.0.0-31-generic (buildde1gw01-amd64-046) (gcc version 7.4.0 (Ubuntu 7.4.0-1ubuntu1-18.04.1)) #33-18.04.1-Ubuntu SMP Tue Oct 1 10:20:39 UTC 2019 (Ubuntu 5.0.0-31.33-18.04.1-generic 5.0.21)
[ 0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-5.0.0-31-generic root=UUID=d43b4bb9-b6ca-44cd-880d-d3434dd070f2 ro quiet splash vt.handoff=1
[ 0.000000] KERNEL supported cpus:
[ 0.000000] Intel GenuineIntel
[ 0.000000] AMD AuthenticAMD
[ 0.000000] Hygon HygonGenuine
[ 0.000000] Centaur CentaurHauls
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers'
[ 0.000000] x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256
[ 0.000000] x86/fpu: Enabled xstate features 0x7, context size is 832 bytes, using 'standard' format.
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x000000000009d7ff] usable
[ 0.000000] BIOS-e820: [mem 0x000000000009d800-0x000000000009ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000e0000-0x00000000000ffffff] reserved
root@kayonpc10:/home/kayon-pc10# uptime
16:45:44 up 11 min, 1 user, load average: 0.08, 0.18, 0.22
root@kayonpc10:/home/kayon-pc10#
```

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Terminal - root@kayonpc10:/home/kayon-pc10
File Edit View Terminal Tabs Help
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers'
[ 0.000000] x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256
[ 0.000000] x86/fpu: Enabled xstate features 0x7, context size is 832 bytes, using 'standard' format.
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x000000000009d7ff] usable
[ 0.000000] BIOS-e820: [mem 0x000000000009d800-0x000000000009ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000e0000-0x00000000000ffffff] reserved
root@kayonpc10:/home/kayon-pc10# uptime
16:45:44 up 11 min, 1 user, load average: 0.08, 0.18, 0.22
root@kayonpc10:/home/kayon-pc10# whoami
root
root@kayonpc10:/home/kayon-pc10# who
kayon-pc10 tty7 2019-10-09 16:34 (:0)
root@kayonpc10:/home/kayon-pc10# id
uid=0(root) gid=0(root) groups=0(root)
root@kayonpc10:/home/kayon-pc10# last
kayon-pc tty7 :0 Wed Oct 9 16:34 gone - no logout
reboot system boot 5.0.0-31-generic Wed Oct 9 23:33 still running
kayon-pc tty7 :0 Tue Oct 8 17:11 - 17:24 (00:12)
reboot system boot 5.0.0-31-generic Tue Oct 8 17:11 - 17:24 (00:12)
kayon-pc tty7 :0 Tue Oct 8 16:24 - 17:10 (00:45)
reboot system boot 5.0.0-31-generic Tue Oct 8 16:22 - 17:10 (00:48)
reboot system boot 5.0.0-31-generic Tue Oct 8 16:15 - 16:16 (00:00)
reboot system boot 5.0.0-31-generic Tue Oct 8 16:06 - 16:07 (00:01)

wtmp begins Tue Oct 8 15:43:54 2019
root@kayonpc10:/home/kayon-pc10# finger

Command 'finger' not found, but can be installed with:
apt install finger

root@kayonpc10:/home/kayon-pc10# w
16:49:12 up 15 min, 1 user, load average: 0.01, 0.10, 0.17
USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT
kayon-pc tty7 :0 16:34 ? 6.90s 0.01s /bin/sh /etc/xdg/xfce4/xinitrc -- /etc/X11/xinit/xserverrc
root@kayonpc10:/home/kayon-pc10# top
top - 16:49:39 up 15 min, 1 user, load average: 0.01, 0.09, 0.17
Tasks: 190 total, 1 running, 139 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.6 us, 0.1 sy, 0.0 ni, 99.3 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
KiB Mem : 8103664 total, 6461072 free, 480776 used, 1161816 buff/cache
KiB Swap: 947028 total, 947028 free, 0 used, 7340856 avail Mem
```

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```
top - 16:49:54 up 16 min, 1 user, load average: 0.01, 0.09, 0.17
Tasks: 190 total, 1 running, 139 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.3 us, 0.2 sy, 0.0 ni, 99.5 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
KiB Mem : 8103664 total, 6450716 free, 491060 used, 1161888 buff/cache
KiB Swap: 947028 total, 947028 free, 0 used, 7330532 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
6636	kayon-p+	20	0	583292	38988	29116	S	5.3	0.5	0:02.32	xfce4-terminal
908	root	20	0	357820	64728	41376	S	3.7	0.8	0:00.23	Xorg
1974	kayon-p+	20	0	700176	34584	27204	S	0.7	0.4	0:00.87	panel-9-pulseau
943	root	20	0	0	0	0	S	0.3	0.0	0:01.09	nv_queue
6904	root	20	0	51672	4228	3544	R	0.3	0.1	0:00.13	top
1	root	20	0	225416	9220	6720	S	0.0	0.1	0:01.21	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par_gp
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0H-kb

Terminal - root@kayonpc10: /home/kayon-pc10

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```
11 Preparing to unpack .../finger_0.17-15.1_amd64.deb ...
12 Unpacking finger (0.17-15.1) ...
13 Setting up finger (0.17-15.1) ...
14 Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
15 root@kayonpc10:/home/kayon-pc10# echo {con,pre}{sent,fer}{s,ed}
16 consents consented confers conferred presents presented prefers preferred
17 root@kayonpc10:/home/kayon-pc10# man is
18 No manual entry for is
19 root@kayonpc10:/home/kayon-pc10# man who
20 root@kayonpc10:/home/kayon-pc10# who can tell me about linux
21 who: extra operand 'me'
22 Try 'who --help' for more information.
23 root@kayonpc10:/home/kayon-pc10# who --help
```

Terminal - root@kayonpc10: /home/kayon-pc10

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```
root@kayonpc10:/home/kayon-pc10# last
kayon-pc tty7      :0          Wed Oct 9 16:34   gone - no logout
reboot system boot 5.0.0-31-generic Wed Oct 9 23:33   still running
kayon-pc tty7      :0          Tue Oct 8 17:11 - 17:24 (00:12)
reboot system boot 5.0.0-31-generic Tue Oct 8 17:11 - 17:24 (00:12)
kayon-pc tty7      :0          Tue Oct 8 16:24 - 17:10 (00:45)
reboot system boot 5.0.0-31-generic Tue Oct 8 16:22 - 17:10 (00:48)
reboot system boot 5.0.0-31-generic Tue Oct 8 16:15 - 16:16 (00:00)
reboot system boot 5.0.0-31-generic Tue Oct 8 16:06 - 16:07 (00:01)

wtmp begins Tue Oct 8 15:43:54 2019
root@kayonpc10:/home/kayon-pc10#
```

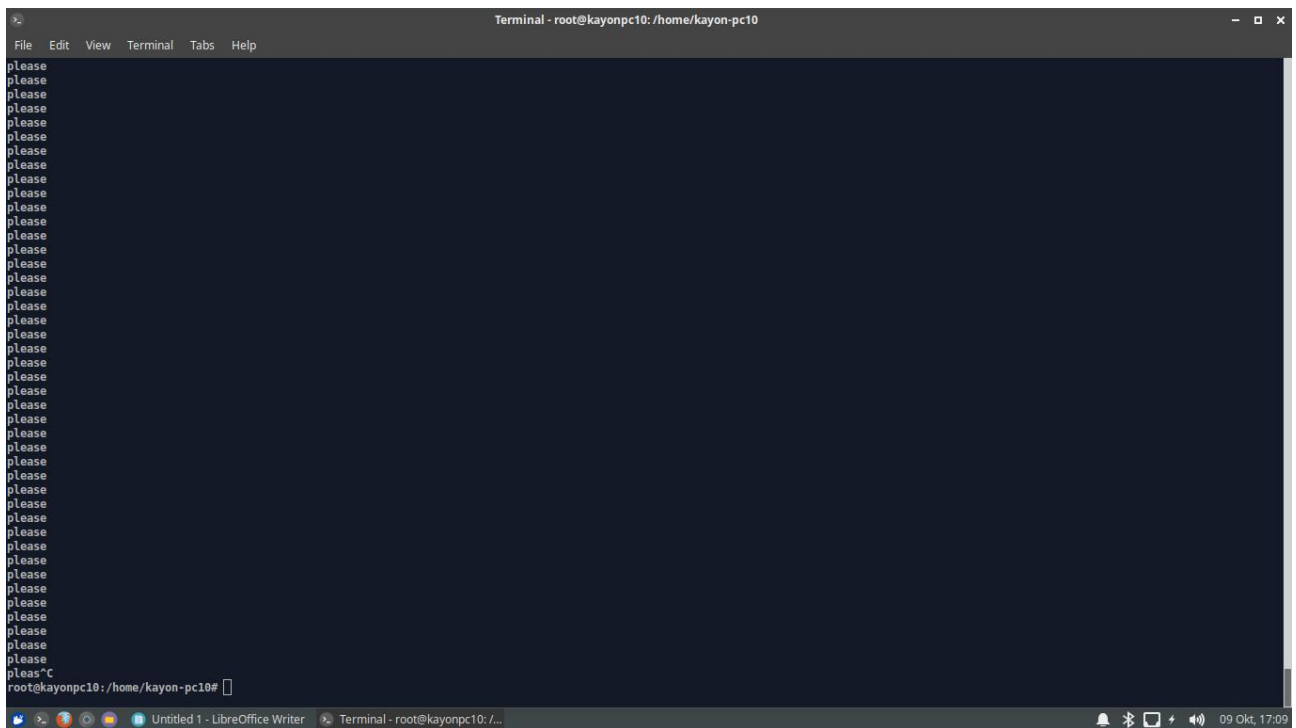
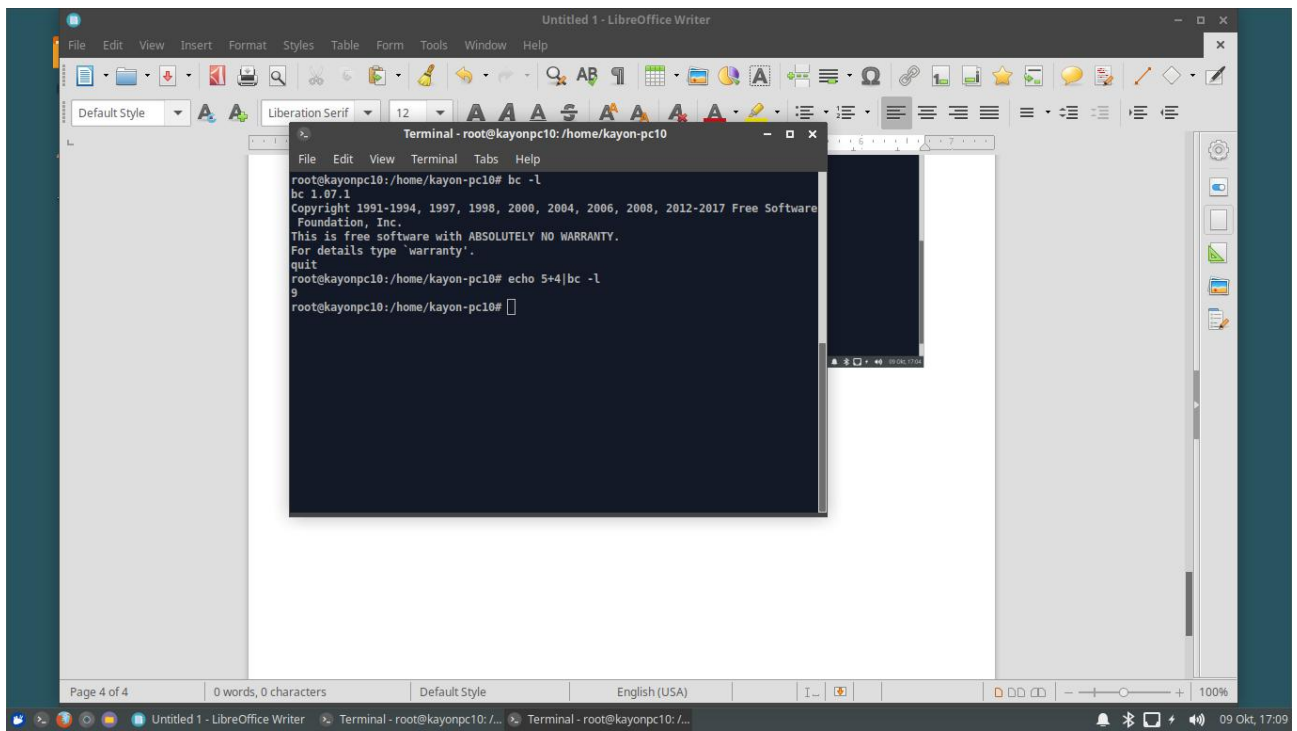
apt install finger

```
root@kayonpc10:/home/kayon-pc10# apt install finger
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  finger
0 upgraded, 1 newly installed, 0 to remove and 144 not upgraded.
Need to get 15.6 kB of archives.
After this operation, 40.1 kB of additional disk space will be used.
Get:1 http://id.archive.ubuntu.com/ubuntu bionic/universe amd64 finger amd64 0.17-15.1 [15.6 kB]
Fetched 15.6 kB in 1s (23.4 kB/s)
Selecting previously unselected package finger.
(Reading database ... 306022 files and directories currently installed.)
Preparing to unpack .../finger_0.17-15.1_amd64.deb ...
Unpacking finger (0.17-15.1) ...
Setting up finger (0.17-15.1) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
root@kayonpc10:/home/kayon-pc10#
```

Terminal - root@kayonpc10: /home/kayon-pc10

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Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
43 apt updat
44 apt update
45 cea
46 clear
47 ez
48 ex
49 poweroff
50 clear
51 ls
52 apt update
53 clear
54 apt update
55 clear
56 apt update
57 apt upgrade
58 gdebi pinguybuilder_5.1-7_all.deb
59 clear
60 poweroff
61 nano /etc/lsb-release
62 lsb_release
63 lsb_release -a
64 clear
65 apt install ubiquity-slideshow-xubuntu
66 apt install -f
67 clear
68 apt update
69 apt autoremove
70 apt autoclean
71 rm -rf .cache/ -v
72 clear
73 apt install ubiquity-slide
74 clear
75 apt install ubiquity-slideshow-xubuntu
76 apt install ubiquity-frontend-gtk
77 nano /etc/issue
78 nano /etc/lsb-release
79 ls
80 cd ..
81 cd PinguyBuilder/
82 l
83 cd ISOTMP/
84 ls
85 cd ..
86 ls
87 scp Kayon_0.1_BETA2.iso brianadit24@192.168.24.2:/home/brianadit24
88 bismillah
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
133 nano 01_welcome.html
134 nano 02_support.html
135 nano 03_support-live.html
136 nano 04_community.html
137 ls
138 clear
139 ls
140 cd Remastering/
141 ls
142 cd p
143 cd PinguyBuilder/
144 ls
145 scp Kayon-0.1-Beta.iso brianadit24@192.168.24.2:/home/brianadit24
146 clear
147 apt update
148 apt install ubiquity ubiquity-frontend-gtk
149 apt install -f
150 dpkg --configure
151 apt install 0
152 apt autoclean
153 apt autoremove
154 apt update
155 apt upgrade
156 apt dist-upgrade
157 dpkg --configure -a
158 apt purge lvm2
159 clear
160 apt autoremove
161 apt autoclean
162 clear
163 apt install ubiquity ubiquity-frontend-gtk
164 apt install -f
165 apt install lvm2
166 apt install --reinstall ubiquity ubiquity-frontend-gtk
167 clear
168 clear
169 clear
170 nano /usr/share/plymouth/themes/xubuntu-text/xubuntu-text.plymouth
171 cd /usr/share/ubiquity/gtk/
172 ls
173 cd ..
174 cd pixmaps/
175 ls
176 cd ..
177 ls
178 cd ubiquity-slideshow/
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
198 clear
199 rm -rf .cache/ -v
200 clear
201 apt update
202 nano /etc/lsb-release
203 clear
204 update-grub
205 clear
206 cd ..
207 cd PinguyBuilder/
208 ls
209 scp Kayon-0.1-Beta.iso brianadit24@192.168.24.2
210 scp Kayon-0.1-Beta.iso brianadit24@192.168.24.2:/home/brianadit24
211 clear
212 poweroff
213 clear
214 nano /etc/bash.bashrc
215 clear
216 clea
217 clear
218 cd /usr/share/wallpapers/
219 ls
220 cd /usr/share/pixmaps/
221 ls
222 cd /usr/share/ubiquity
223 ls
224 cd pixmaps/
225 ls
226 cd ..
227 ls
228 cd ubiquity
229 ls
230 cd ..
231 cd ubiquity-slideshow/
232 ls
233 nano slideshow.conf
234 cd slides/
235 ls
236 cd /home/master/
237 ls
238 clear
239 nano /etc/lsb-release
240 nano /usr/share/ubiquity
241 cd /usr/share/ubiquity
242 ls
243 cd pixx
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
228 cd ubiquity
229 ls
230 cd ..
231 cd ubiquity-slideshow/
232 ls
233 nano slideshow.conf
234 cd slides/
235 ls
236 cd /home/master/
237 ls
238 clear
239 nano /etc/lsb-release
240 nano /usr/share/ubiquity
241 cd /usr/share/ubiquity
242 ls
243 cd pixx
244 cd pixmaps/
245 ls
246 cd ubuntu/
247 ls
248 cd ..
249 cd ..
250 ls
251 cd ..
252 ls
253 cd ..
254 cd ubiquity-slideshow/
255 ls
256 nano slideshow.conf
257 cd slides/
258 ls
259 nano index.html
260 cd link
261 ls
262 nano base.css
263 ls
264 nano xubuntu.js
265 clear
266 ls
267 nano xubuntu.js
268 cd ..
269 ls
270 cd l10n/
271 ls
272 cd ..
273 ls
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
273 ls
274 nano 01_welcome.html
275 apt update
276 apt upgrade
277 nano /etc/lsb-release
278 clear
279 update-grub
280 add-apt-repository ppa:numix/ppa
281 nano /etc/lsb-release
282 update-grub
283 clear
284 add-apt-repository ppa:numix/ppa
285 clear
286 clear
287 cd /usr/share/ubiquity-slideshow/
288 ls
289 cd slides/
290 ls
291 ls
292 poweroff
293 apt update
294 apt dist-upgrade
295 add-apt-repository --yes ppa:js-reynaud/kicad-5 sudo apt-get update
296 add-apt-repository --yes ppa:js-reynaud/kicad-5
297 apt update
298 apt install kicad
299 apt install python
300 clear
301 apt install gvrng
302 apt update
303 apt purge gvrng
304 apt install python
305 clear
306 cp GvRng_4.4.zip /usr/share/
307 ls
308 cd /usr/share/
309 ls
310 unzip GvRng_4.4.zip
311 ls
312 cd GvRng_4.4/
313 ls
314 cd ..
315 mv GvRng_4.4 GvRng
316 ls
317 chmod +x GvRng/gvrng.py
318 nano /usr/games/gvrng
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
313 ls
314 cd ..
315 mv GvRng_4.4 GvRng
316 ls
317 chmod +x GvRng/gvrng.py
318 nano /usr/games/gvrng
319 apt install python3.7
320 apt autoremove
321 apt update
322 apt install gvrng
323 apt install -f
324 apt install python-glade2 python-gtksourceview2
325 ls
326 dpkg -i gvrng_4.4-1.lubuntu1_all.deb
327 chmod -x /usr/share/GvRng/gvrng.py
328 which gvrng
329 dpkg-reconfigure -a
330 dpkg-reconfigure --all
331 apt install -f
332 nano /usr/games/gvrng
333 ls
334 cp GvRng_4.4.zip /opt/
335 cd /opt/
336 ls
337 unzip GvRng_4.4.zip
338 ls
339 rm -rf GvRng_4.4
340 unzip GvRng_4.4.zip
341 rm -rf GvRng_4.4.zip
342 ls
343 cd GvRng_4.4/
344 ls
345 nano /usr/games/gvrng
346 chmod -x /opt/GvRng_4.4/gvrng.py
347 cd ..
348 l
349 rm -rf GvRng_4.4/
350 cd /home/master/
351 s
352 ls
353 chmod -x /usr/share/GvRng/gvrng.py
354 ls
355 nano /usr/games/gvrng
356 chmod +x /usr/games/gvrng
357 history
358 ls
```



```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
348 l
349 rm -rf GvRng 4.4/
350 cd /home/master/
351 s
352 ls
353 chmod -x /usr/share/GvRng/gvrng.py
354 ls
355 nano /usr/games/gvrng
356 chmod +x /usr/games/gvrng
357 history
358 ls
359 dpkg -i mysql-apt-config_0.8.13-1_all.deb
360 apt update
361 apt upgrade
362 apt install mysql-workbench-community
363 clear
364 cd /opt/
365 ls
366 mkdir pt
367 tar -zxvf Packet\ Tracer\ 7.2.1\ for\ Linux\ 64\ bit.tar.gz -C /opt/pt
368 cd /opt/pt/
369 ls
370 ./install
371 cd ..
372 rm -rf pt/
373 tar -zxvf Packet\ Tracer\ 7.2.1\ for\ Linux\ 64\ bit.tar.gz -C pt
374 cd /home/master/
375 tar -zxvf Packet\ Tracer\ 7.2.1\ for\ Linux\ 64\ bit.tar.gz -C pt
376 cd pt/
377 ls
378 ./install
379 cd ..
380 ex
381 exit
382 nano /etc/apt/sources.list
383 apt-get update
384 apt-get install gvrng
385 cp GvRng_4.4.zip /opt/
386 cd /opt/
387 ls
388 unzip GvRng_4.4.zip
389 ls
390 rm -rf GvRng 4.4.zip
391 mv GvRng_4.4/ gvrng4
392 ls
393 cd gvrng4/
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
393 cd gvrng4/
394 ls
395 ./confiure
396 ./configure
397 ls
398 cd ..
399 rm -rf gvrng4/
400 ls
401 chmod +x /usr/share/GvRng/gvrng.py
402 apt install python3
403 history
404 apt install python
405 apt install idle
406 clear
407 apt update
408 apt upgrade
409 chmod +x /usr/share/GvRng/gvrng.py
410 apt install idle3
411 apt install gvrng
412 apt install pyGTK
413 python gvrng.py
414 cd /opt/
415 ls
416 apt purge gvrng
417 clear
418 ls
419 apt install unrar
420 cd Remastering/
421 cp Kayon-Wallpaper-Diagon.jpg Kayon-Wallpaper-Half.jpg Kayon-Wallpaper-Tag.jpg Kayon-Wallpaper-Verti.jpg /usr/share/xfce4/backdrops/
422 cd /usr/share/xfce4/backdrops/
423 ls
424 cp xubuntu-wallpaper.png /home/master/Remastering
425 rm -rf xubuntu-wallpaper.png
426 ln -s Kayon-Wallpaper-Half.jpg xubuntu-wallpaper.png
427 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
428 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
429 ls
430 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
431 ls
432 ls -n
433 ls -f xubuntu-wallpaper.png
434 ls -n
435 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
436 ln -f Kayon-Wallpaper-Half.jpg xubuntu-wallpaper.png
437 ls -n
438 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
428 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
429 ls
430 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
431 ls
432 ls -n
433 ls -f xubuntu-wallpaper.png
434 ls -n
435 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
436 ln -f Kayon-Wallpaper-Half.jpg xubuntu-wallpaper.png
437 ls -n
438 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
439 ls
440 rm -rf xubuntu-wallpaper.png
441 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
442 cd /usr/share/xfce4/backdrops/
443 ls
444 rm -rf xubuntu-wallpaper.png
445 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
446 ls
447 cp xubuntu-wallpaper.png /usr/share/xfce4/backdrops/
448 cd /usr/share/xfce4/backdrops/
449 ls
450 rm rf Kayon-Wallpaper-Half.jpg
451 rm -rf Kayon-Wallpaper-Half.jpg
452 rm -rf xubuntu-wallpaper.png
453 ln -s Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
454 rm -rf xubuntu-wallpaper.png
455 ln -sv Kayon-Wallpaper-Tag.jpg xubuntu-wallpaper.png
456 ls -n
457 rm -rf xubuntu-wallpaper.png
458 cd Remastering/
459 ls
460 cp Kayon-Wallpaper-Half.jpg /usr/share/xfce4/backdrops/
461 cd /usr/share/plymouth/themes/
462 ls
463 rm -rf test-master.zip
464 ls
465 clear
466 ls
467 cd xubuntu-
468 cd xubuntu-logo/
469 ls
470 nano xubuntu-logo.script
471 nano xubuntu-logo.plymouth
472 exit
473 cp test-master.zip /usr/share/plymouth/themes/
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
473 cp test-master.zip /usr/share/plymouth/themes/
474 ls
475 cd /usr/share/plymouth/themes/
476 ls
477 cd xubuntu-logo/
478 ls
479 cd ..
480 ls
481 unzip test-master.zip
482 ls
483 mv test-master kayon-logo
484 cd kayon-logo/
485 ls
486 nano test.plymouth
487 ls
488 mv test.plymouth kayon.plymouth
489 mv test.script kayon.script
490 ls
491 nano kayon.script
492 cd /usr/share/plymouth/themes/kayon-logo/
493 ls
494 nano kayon.script
495 nano kayon.plymouth
496 exit
497 cd /usr/share/plymouth/themes/
498 ls
499 nano text.plymouth
500 cd ubuntu-text/
501 ls
502 nano ubuntu-text.plymouth
503 cd ..
504 cp 2.png /usr/share/xfce4/backdrops/
505 cd /usr/share/xfce4/backdrops/
506 ls
507 rm -rf xubuntu-wallpaper.png
508 mv 2.png Kayon-Main-Wallaper.png
509 ls
510 ln -s Kayon-Main-Wallaper.png xubuntu-wallpaper.png
511 nano /etc/lsb-release
512 update-grub
513 apt update
514 apt upgrade
515 clear
516 apt autoremove
517 apt autoclean
518 rm -rf .cache/ -v
```



```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
528 mv bochs-2.6.9 bochs
529 cd bochs/
530 ./config
531 ./configure
532 make
533 make install
534 ls
535 xdg-open INSTALL
536 xdg-open install
537 make
538 exit
539 cp bochs-2.6.9.tar.gz /opt/
540 apt install bochs
541 apt upgrade
542 apt autoremove
543 apt autoclean
544 cd ..
545 rm -rf bochs
546 ls
547 rm bochs-2.6.9.tar.gz
548 cd /usr/share/plymouth/themes/
549 cd xubuntu-
550 cd xubuntu-text/
551 ls
552 nano xubuntu-text.plymouth
553 ls
554 cd ..
555 ls
556 cd ubuntu-text/
557 ls
558 nano ubuntu-text.plymouth
559 cd ..
560 update-initramfs
561 update-initramfs -u
562 nano /etc/lsb-release
563 update-grub
564 apt update
565 apt upgrade
566 apt autoremove
567 apt autoclean
568 cd /home/master/
569 rm -rf .cache/ -v
570 apt install bochs
571 apt purge bochs
572 apt autoremove
573 clear
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
573 clear
574 rm -rf .cache/ -v
575 apt autoremove
576 clear
577 apt update
578 apt upgrade
579 cd /usr/share/themes/
580 ls
581 cd Numix
582 ls
583 ls
584 cd unity/
585 ls
586 cd ..
587 ls
588 ls -l
589 ls -a
590 cd Default
591 ls
592 cd ..
593 l
594 cd Default-hdpi/
595 ls
596 cd ..
597 cd Default-xhdpi/
598 ls
599 cd .
600 cd ..
601 ls
602 cd 'Numix Daily'/
603 ls
604 nano index.theme
605 cd ..
606 cd icons/
607 ls
608 cd /home/master/
609 ls
610 nano /etc/lsb-release
611 update-grub
612 apt update
613 add-apt-repository ppa:numix/ppa
614 nano /etc/lsb-release
615 update-grub
616 add-apt-repository ppa:numix/ppa
617 lsb_release
618 lsb_release -a
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
618 lsb_release -a
619 cd /usr/share/themes/Default
620 ls
621 whereis xml.default
622 cd /usr/share/xml/
623 ls
624 nano fontconfig/
625 cd iso-codes/
626 ls
627 cd ..
628 ls
629 cd xml/
630 ls
631 cd libglade/
632 l
633 ls
634 nano glade-2.0.dtd
635 cd ..
636 cd ..
637 cd ..
638 cd ..
639 whereis xml.default
640 which xml.default
641 clear
642 cd /usr/share/ubiquity-slideshow/slides/
643 ls
644 nano 01_welcome.html
645 nano 02_support.html
646 nano 03_support-live.html
647 nano 04_community.html
648 nano index.html
649 cd images/
650 ls
651 nano /etc/issue
652 nano /etc/issue.net
653 nano /usr/share/plymouth/themes/text.plymouth
654 nano /etc/default/grub
655 update-grub
656 cd ..
657 cd PinguyBuilder/PinguyBuilder/
658 ls
659 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk/Kayon 12.6 XFCE/
660 scp Kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk
661 scp Kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk/Kayon 12.6 XFCE
662 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk
663 cd ..
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
668 apt install ubiquity
669 apt install ubiquity-slideshow-xubuntu
670 apt install ubiquity
671 clear
672 apt install ubiquity
673 apt update
674 apt install ubiquity
675 apt update
676 ping 8.8.8.8
677 apt update
678 rm -rf /var/lib/apt/lists/lock
679 apt update
680 apt install ubiquity
681 rm -rf .cache/
682 apt install ubiquity
683 apt install ubiquity-casper
684 apt install ubiquity-frontend-gtk
685 apt autoclean
686 apt autoremove
687 apt install ubiquity
688 rm -rf .cache/ -v
689 apt install ubiquity
690 cd PinguyBuilder/PinguyBuilder/
691 cd ..
692 cd PinguyBuilder/PinguyBuilder/
693 ls
694 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk
695 apt update
696 nano /etc/apt/sources.list
697 apt update
698 apt upgrade
699 apt install -f
700 update-grub
701 sudo apt-get install gtub-customizer
702 exit
703 echo halo dunia
704 date
705 hostname
706 arch
707 uname -a
708 dmesg | more
709 uptime
710 whoami
711 who
712 id
713 last
```

```
Terminal - root@kayonpc10:/home/kayon-pc10
File Edit View Terminal Tabs Help
713 last
714 finger
715 w
716 top
717 echo $SHELL
718 echo {con,pre}{sent,fer}{s,ed}
719 man ls
720 man who
721 who can tell me about linux
722 last
723 clear
724 fdisk -l
725 users
726 cat/etc/fstab
727 cal 2000
728 cal 9 1752
729 cal 10 2007
730 bc -l
731 echo 5+4
732 echo 5+4 | bc -l
733 yes please
734 pwd
735 history
736 tail -f /var/log/message
737 lsmod
738 ps -aux
739 lspci
740 cls
741 ls
742 clear
743 ls /home
744 clear
745 ls
746 ls -l
747 ls /home
748 whatis ls
749 mkdir informatika
750 rmdir informatika/
751 which mkdir
752 whereis mkdir
753 free
754 pstree
755 echo halo dunia
756 date
757 hostname
758 hostname
```

```
Terminal - root@kayonpc10:/home/kayon-pc10
File Edit View Terminal Tabs Help
758 hostname
759 arch
760 uname -a
761 dmesg | more
762 uptime
763 whoami
764 who
765 id
766 last
767 finger
768 w
769 top
770 echo $SHELL
771 echo {con,pre}{sent,fer}{s,ed}
772 man ls
773 man who
774 who can tell me about linux
775 last
776 clear
777 fdisk -l
778 users
779 cat /etc/fstab
780 cal 2000
781 cal 9 1752
782 cal 10 2007
783 bc -l
784 echo 5+4 | bc -l
785 yes please
786 pwd
787 history
788 tail -f /var/log/message
789 clear
790 echo halo dunia
791 date
792 hostname
793 arch
794 uname -a
795 dmesg | more
796 uptime
797 whoami
798 who
799 id
800 last
801 finger
802 w
803 top
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
803 top
804 echo $SHELL
805 echo {con,pre} {sent,fer} {s,ed}
806 man ls
807 man who
808 who can tell me about linux
809 last
810 clear
811 fdisk -l
812 users
813 cat /etc/fstab
814 cal 2000
815 bc -l
816 pwd
817 tail -f /var/log/message
818 lsmod
819 ps -aux
820 lspci
821 reboot
822 ls
823 ls -l
824 ls /home
825 whatis ls
826 mkdir informatika
827 rmdir informatika
828 which mkdir
829 whereis mkdir
830 free
831 pstree
832 clear
833 half
834 halt
835 bc -l
836 clear
837 bc -l
838 bc -l
839 echo 5+4|bc -l
840 yes please
841 clear
842 bc -l
843 echo 5+4|bc -l
844 yes please
845 pwd
846 history
root@kayonpc10: /home/kayon-pc10#
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
root@kayonpc10: /home/kayon-pc10# tail -f /var/log/message
tail: cannot open '/var/log/message' for reading: No such file or directory
tail: no files remaining
root@kayonpc10: /home/kayon-pc10# lsmod
Module              Size  Used by
ufs                  81920  0
qnx4                 16384  0
hfsplus             110592  0
hfs                  61440  0
minix                36864  0
ntfs                 106496  0
msdos                20480  0
jfs                  188416  0
xfs                  1236992  0
intel_rapl           24576  0
x86_pkg_temp_thermal 20480  0
intel_powerclamp     20480  0
coretemp             20480  0
kvm_intel            241664  0
kvm                  630784  1 kvm_intel
irqbypass            16384  1 kvm
crc10dif_pclmul       16384  1
crc32_pclmul          16384  0
ghash_clmulni_intel   16384  0
aesni_intel          372736  0
snd_hda_codec_realtek 114688  1
snd_hda_codec_hdmi    53248  1
aes_x86_64            20480  1 aesni_intel
crypto_simd           16384  1 aesni_intel
cryptd                24576  3 crypto_simd,ghash_clmulni_intel,aesni_intel
joydev                28672  0
input_leds            16384  0
snd_hda_codec_generic 77824  1 snd_hda_codec_realtek
ledtrig_audio         16384  2 snd_hda_codec_generic,snd_hda_codec_realtek
glue_helper           16384  1 aesni_intel
snd_hda_intel         49152  2
snd_hda_codec         135168  4 snd_hda_codec_generic,snd_hda_codec_hdmi,snd_hda_intel,snd_hda_codec_realtek
snd_hda_core           86016  5 snd_hda_codec_generic,snd_hda_codec_hdmi,snd_hda_intel,snd_hda_codec,snd_hda_codec_realtek
intel_cstate          20480  0
intel_rapl_perf       16384  0
eeepc_wmi             16384  0
asus_wmi              28672  1 eeepc_wmi
snd_seq_midi           20480  0
snd_seq_midi_event     16384  1 snd_seq_midi
snd_hwdep              20480  1 snd_hda_codec
sparse_keymap          16384  1 asus_wmi
```

```
Terminal - root@kayonpc10: /home/kayon-pc10

File Edit View Terminal Tabs Help

sparse_keymap      16384 1 asus_wmi
snd_pcm            102400 4 snd_hda_codec_hdmi,snd_hda_intel,snd_hda_codec,snd_hda_core
snd_rawmidi        36864 1 snd_seq_midi
snd_seq            69632 2 snd_seq_midi,snd_seq_midi_event
snd_seq_device     16384 3 snd_seq,snd_seq_midi,snd_rawmidi
mei_me             40960 0
snd_timer          36864 2 snd_seq,snd_pcm
snd                86016 15 snd_hda_codec_generic,snd_seq,snd_seq_device,snd_hda_codec_hdmi,snd_hwdsp,snd_hda_intel,snd_hda_codec,snd_hda_codec_realtek,snd_timer,snd_pcm,snd_rawmidi
soundcore          16384 1 snd
mei                106496 1 mei_me
nvidia_uvm         819200 0
lpc_ich            24576 0
mac_hid            16384 0
wmi_bmf            16384 0
sch_fq_codel       20480 2
parport_pc         36864 1
ppdev              24576 0
lp                 20480 0
parport            53248 3 parport_pc,lp,ppdev
ip_tables           32768 0
x_tables           40960 1 ip_tables
autofs4            45056 2
btrfs              1175552 0
xor                 24576 1 btrfs
zstd_compress      163840 1 btrfs
raid6_pq           114688 1 btrfs
libcrc32c           16384 2 btrfs,xfs
dm_mirror           24576 0
dm_region_hash     20480 1 dm_mirror
dm_log              20480 2 dm_region_hash,dm_mirror
hid_generic         16384 0
usbhid              53248 0
hid                126976 2 usbhid,hid_generic
nvidia_drm          49152 3
nvidia_modeset     1110016 3 nvidia_drm
nvidia             18792448 85 nvidia_uvm,nvidia_modeset
drm_kms_helper      180224 1 nvidia_drm
syscopyarea         16384 1 drm_kms_helper
sysfillrect         16384 1 drm_kms_helper
sysimgblt           16384 1 drm_kms_helper
fb_sys_fops         16384 1 drm_kms_helper
drm                 483328 6 drm_kms_helper,nvidia_drm
ahci                 40960 1
r8169                86016 0
libahci             32768 1 ahci
realtek             20480 0
ipmi_devintf        20480 0
ipmi_msghandler     102400 2 ipmi_devintf,nvidia
wmi                 28672 2 asus_wmi,wmi_bmf
video               49152 1 asus_wmi

root@kayonpc10:/home/kayon-pc10# ps
PID TTY          TIME CMD
10780 pts/1    00:00:00 sudo
10781 pts/1    00:00:00 su
10782 pts/1    00:00:00 bash
12594 pts/1    00:00:00 ps

root@kayonpc10:/home/kayon-pc10# lspci
00:00.0 Host bridge: Intel Corporation 4th Gen Core Processor DRAM Controller (rev 06)
00:01.0 PCI bridge: Intel Corporation Xeon E3-1200 v3/4th Gen Core Processor PCI Express x16 Controller (rev 06)
00:14.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB xHCI (rev 05)
00:16.0 Communication controller: Intel Corporation 8 Series/C220 Series Chipset Family MEI Controller #1 (rev 04)
00:1a.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #2 (rev 05)
00:1b.0 Audio device: Intel Corporation 8 Series/C220 Series Chipset High Definition Audio Controller (rev 05)
00:1c.0 PCI bridge: Intel Corporation 8 Series/C220 Series Chipset Family PCI Express Root Port #1 (rev d5)
00:1c.2 PCI bridge: Intel Corporation 8 Series/C220 Series Chipset Family PCI Express Root Port #3 (rev d5)
00:1c.5 PCI bridge: Intel Corporation 82801 PCI Bridge (rev d5)
00:1d.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #1 (rev 05)
00:1f.0 ISA bridge: Intel Corporation H81 Express LPC Controller (rev 05)
00:1f.2 SATA controller: Intel Corporation 8 Series/C220 Series Chipset Family 6-port SATA Controller 1 [AHCI mode] (rev 05)
00:1f.3 SMBus: Intel Corporation 8 Series/C220 Series Chipset Family SMBus Controller (rev 05)
01:00.0 VGA compatible controller: NVIDIA Corporation G107 [GeForce GTX 750 Ti] (rev a2)
01:00.1 Audio device: NVIDIA Corporation Device 0fbc (rev a1)
03:00.0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL8111/8168/8411 PCI Express Gigabit Ethernet Controller (rev 11)
04:00.0 PCI bridge: ASMedia Technology Inc. ASM1083/1085 PCIe to PCI Bridge (rev 04)

root@kayonpc10:/home/kayon-pc10# free
total        used        free      shared  buff/cache   available
Mem:      8103664    616200    6303788    10820    1183676    7201236
Swap:      947028           0     947028

root@kayonpc10:/home/kayon-pc10# cat /proc/cpuinfo
processor       : 0
vendor_id      : GenuineIntel
cpu family     : 6
model          : 60
model name     : Intel(R) Core(TM) i5-4590 CPU @ 3.30GHz
stepping       : 3
microcode     : 0x27
```

```
Terminal - root@kayonpc10: /home/kayon-pc10

File Edit View Terminal Tabs Help

fb_sys_fops        16384 1 drm_kms_helper
drm                 483328 6 drm_kms_helper,nvidia_drm
ahci                 40960 1
r8169                86016 0
libahci             32768 1 ahci
realtek             20480 0
ipmi_devintf        20480 0
ipmi_msghandler     102400 2 ipmi_devintf,nvidia
wmi                 28672 2 asus_wmi,wmi_bmf
video               49152 1 asus_wmi

root@kayonpc10:/home/kayon-pc10# ps
PID TTY          TIME CMD
10780 pts/1    00:00:00 sudo
10781 pts/1    00:00:00 su
10782 pts/1    00:00:00 bash
12594 pts/1    00:00:00 ps

root@kayonpc10:/home/kayon-pc10# lspci
00:00.0 Host bridge: Intel Corporation 4th Gen Core Processor DRAM Controller (rev 06)
00:01.0 PCI bridge: Intel Corporation Xeon E3-1200 v3/4th Gen Core Processor PCI Express x16 Controller (rev 06)
00:14.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB xHCI (rev 05)
00:16.0 Communication controller: Intel Corporation 8 Series/C220 Series Chipset Family MEI Controller #1 (rev 04)
00:1a.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #2 (rev 05)
00:1b.0 Audio device: Intel Corporation 8 Series/C220 Series Chipset High Definition Audio Controller (rev 05)
00:1c.0 PCI bridge: Intel Corporation 8 Series/C220 Series Chipset Family PCI Express Root Port #1 (rev d5)
00:1c.2 PCI bridge: Intel Corporation 8 Series/C220 Series Chipset Family PCI Express Root Port #3 (rev d5)
00:1c.5 PCI bridge: Intel Corporation 82801 PCI Bridge (rev d5)
00:1d.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #1 (rev 05)
00:1f.0 ISA bridge: Intel Corporation H81 Express LPC Controller (rev 05)
00:1f.2 SATA controller: Intel Corporation 8 Series/C220 Series Chipset Family 6-port SATA Controller 1 [AHCI mode] (rev 05)
00:1f.3 SMBus: Intel Corporation 8 Series/C220 Series Chipset Family SMBus Controller (rev 05)
01:00.0 VGA compatible controller: NVIDIA Corporation G107 [GeForce GTX 750 Ti] (rev a2)
01:00.1 Audio device: NVIDIA Corporation Device 0fbc (rev a1)
03:00.0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL8111/8168/8411 PCI Express Gigabit Ethernet Controller (rev 11)
04:00.0 PCI bridge: ASMedia Technology Inc. ASM1083/1085 PCIe to PCI Bridge (rev 04)

root@kayonpc10:/home/kayon-pc10# free
total        used        free      shared  buff/cache   available
Mem:      8103664    616200    6303788    10820    1183676    7201236
Swap:      947028           0     947028

root@kayonpc10:/home/kayon-pc10# cat /proc/cpuinfo
processor       : 0
vendor_id      : GenuineIntel
cpu family     : 6
model          : 60
model name     : Intel(R) Core(TM) i5-4590 CPU @ 3.30GHz
stepping       : 3
microcode     : 0x27
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
microcode : 0x27
cpu MHz : 798.244
cache size : 6144 KB
physical id : 0
siblings : 4
core id : 0
cpu cores : 4
apicid : 0
initial apicid : 0
fpu : yes
fpu_exception : yes
cpuid level : 13
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp lm constant_tsc arch_perfmon
pebs bts rep_good nopl xtopology nonstop tsc cpuid aperfmperf pni pclmulqdq dtes64 monitor ds cpl vmx smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadli
ne timer aes xsave avx f16c rdrand lahf_lm abm cpuid_fault epb invpcid_single pti ssbd ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid ept_ad fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms
invpcid xsaveopt dtherm ida arat pln pts md_clear flush_lld
bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass l1tf mds swapgs
bogomips : 6585.45
clflush size : 64
cache alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:

processor : 1
vendor_id : GenuineIntel
cpu family : 6
model : 60
model name : Intel(R) Core(TM) i5-4590 CPU @ 3.30GHz
stepping : 3
microcode : 0x27
cpu MHz : 798.354
cache size : 6144 KB
physical id : 0
siblings : 4
core id : 1
cpu cores : 4
apicid : 2
initial apicid : 2
fpu : yes
fpu_exception : yes
cpuid level : 13
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp lm constant_tsc arch_perfmon
pebs bts rep_good nopl xtopology nonstop tsc cpuid aperfmperf pni pclmulqdq dtes64 monitor ds cpl vmx smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadli
ne timer aes xsave avx f16c rdrand lahf_lm abm cpuid_fault epb invpcid_single pti ssbd ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid ept_ad fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms
```



```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
ne_timer aes xsave aux f16c rdrand lahf_lm abm cpuid_fault epb invpcid_single pti ssbd ibrs ibpb stibp tpr_shadow vmxi flexpriority ept vpid ept_ad fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms
invpcid xsaveopt dtherm ida arat pln pts md_clear flush_lid
bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass l1tf mds swapgs
bogomips : 6585.45
clflush size : 64
cache alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:

processor : 2
vendor_id : GenuineIntel
cpu family : 6
model : 60
model name : Intel(R) Core(TM) i5-4590 CPU @ 3.30GHz
stepping : 3
microcode : 0x27
cpu MHz : 798.322
cache size : 6144 KB
physical id : 0
siblings : 4
core id : 2
cpu cores : 4
apicid : 4
initial apicid : 4
fpu : yes
fpu_exception : yes
cpuid level : 13
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp lm constant_tsc arch_perfmon
pebs bts rep_good nopl xtopology nonstop tsc cpuid aperfperf pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadli
ne_timer aes xsave aux f16c rdrand lahf_lm abm cpuid_fault epb invpcid_single pti ssbd ibrs ibpb stibp tpr_shadow vmxi flexpriority ept vpid ept_ad fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms
invpcid xsaveopt dtherm ida arat pln pts md_clear flush_lid
bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass l1tf mds swapgs
bogomips : 6585.45
clflush size : 64
cache alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:

processor : 3
vendor_id : GenuineIntel
cpu family : 6
model : 60
model name : Intel(R) Core(TM) i5-4590 CPU @ 3.30GHz
stepping : 3
microcode : 0x27
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
fpu_exception : yes
cpuid level : 13
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp lm constant_tsc arch_perfmon
pebs bts rep_good nopl xtopology nonstop tsc cpuid aperfperf pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadli
ne_timer aes xsave aux f16c rdrand lahf_lm abm cpuid_fault epb invpcid_single pti ssbd ibrs ibpb stibp tpr_shadow vmxi flexpriority ept vpid ept_ad fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms
invpcid xsaveopt dtherm ida arat pln pts md_clear flush_lid
bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass l1tf mds swapgs
bogomips : 6585.45
clflush size : 64
cache alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:

processor : 3
vendor_id : GenuineIntel
cpu family : 6
model : 60
model name : Intel(R) Core(TM) i5-4590 CPU @ 3.30GHz
stepping : 3
microcode : 0x27
cpu MHz : 798.280
cache size : 6144 KB
physical id : 0
siblings : 4
core id : 3
cpu cores : 4
apicid : 6
initial apicid : 6
fpu : yes
fpu_exception : yes
cpuid level : 13
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtscp lm constant_tsc arch_perfmon
pebs bts rep_good nopl xtopology nonstop tsc cpuid aperfperf pni pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadli
ne_timer aes xsave aux f16c rdrand lahf_lm abm cpuid_fault epb invpcid_single pti ssbd ibrs ibpb stibp tpr_shadow vmxi flexpriority ept vpid ept_ad fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms
invpcid xsaveopt dtherm ida arat pln pts md_clear flush_lid
bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass l1tf mds swapgs
bogomips : 6585.45
clflush size : 64
cache alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:

root@kayonpc10: /home/kayon-pc10#
```

```
Terminal - root@kayonpc10: /home/kayon-pc10

cache alignment : 64
address sizes   : 39 bits physical, 48 bits virtual
power management:

root@kayonpc10:/home/kayon-pc10# ls
Desktop Documents Downloads Music Pictures Public Templates Videos
root@kayonpc10:/home/kayon-pc10# ls -l
total 32
drwxr-xr-x 2 kayon-pc10 kayon-pc10 4096 Sep  4 10:49 Desktop
drwxr-xr-x 2 kayon-pc10 kayon-pc10 4096 Okt  8 15:40 Documents
drwxr-xr-x 2 kayon-pc10 kayon-pc10 4096 Sep  4 10:49 Downloads
drwxr-xr-x 2 kayon-pc10 kayon-pc10 4096 Sep  4 10:49 Music
drwxr-xr-x 2 kayon-pc10 kayon-pc10 4096 Sep  4 10:49 Pictures
drwxr-xr-x 2 kayon-pc10 kayon-pc10 4096 Sep  4 10:49 Public
drwxr-xr-x 2 kayon-pc10 kayon-pc10 4096 Sep  4 10:49 Templates
drwxr-xr-x 2 kayon-pc10 kayon-pc10 4096 Sep  4 10:49 Videos
root@kayonpc10:/home/kayon-pc10# ls -l/home
ls: invalid option -- '/'
Try 'ls --help' for more information.
root@kayonpc10:/home/kayon-pc10# whakis ls
Command 'whakis' not found, did you mean:

  command 'whatis' from deb man-db

Try: apt install <deb name>

root@kayonpc10:/home/kayon-pc10# whatis ls
ls (1)          - list directory contents
root@kayonpc10:/home/kayon-pc10# whatis mkdir
mkdir (1)       - make directories
mkdir (2)       - create a directory
root@kayonpc10:/home/kayon-pc10# mkdir informatika
root@kayonpc10:/home/kayon-pc10# rm rpl.txt
root@kayonpc10:/home/kayon-pc10# touch rpl.txt
root@kayonpc10:/home/kayon-pc10# which mkdir
/bin/mkdir
root@kayonpc10:/home/kayon-pc10# rm rpl.txt
root@kayonpc10:/home/kayon-pc10# which mkdir
/bin/mkdir
root@kayonpc10:/home/kayon-pc10# whereis ls
ls: /bin/ls /usr/share/man/man1/ls.1.gz
root@kayonpc10:/home/kayon-pc10# df
Filesystem      1K-blocks    Used Available Use% Mounted on
udev            4009340         0   4009340    0% /dev
tmpfs           810368       1344    809024    1% /run
```

```
Terminal - root@kayonpc10: /home/kayon-pc10

tmpfs           810368       1344    809024    1% /run
/dev/sda4       20026192 8534376 10451484   45% /
tmpfs          4051832         0   4051832    0% /dev/shm
tmpfs           5120         4     5116    1% /run/lock
tmpfs          4051832         0   4051832    0% /sys/fs/cgroup
tmpfs           810368       12     810352    1% /run/user/1000

root@kayonpc10:/home/kayon-pc10# du
4      ./Downloads
4      ./Public
4      ./Templates
512    ./thumbnails/normal
516    ./thumbnails
4      ./mozilla/extensions
4      ./mozilla/systemextensionsdev
8      ./mozilla/firefox/pd3rc9vn.default
4      ./mozilla/firefox/92zrdv7w.default-release/extensions
4      ./mozilla/firefox/92zrdv7w.default-release/minidumps
36     ./mozilla/firefox/92zrdv7w.default-release/sessionstore-backups
48     ./mozilla/firefox/92zrdv7w.default-release/saved-telemetry-pings
4      ./mozilla/firefox/92zrdv7w.default-release/storage/permanent/chrome/idb/3870112724rsegmnoitt-es.files
4      ./mozilla/firefox/92zrdv7w.default-release/storage/permanent/chrome/idb/2918063365piupsah.files
4      ./mozilla/firefox/92zrdv7w.default-release/storage/permanent/chrome/idb/1657114595AmcateirvtiSty.files
4      ./mozilla/firefox/92zrdv7w.default-release/storage/permanent/chrome/idb/3561288849sdhlie.files
4      ./mozilla/firefox/92zrdv7w.default-release/storage/permanent/chrome/idb/1451318868ntouromlaNodry--eprc.files
15196   ./mozilla/firefox/92zrdv7w.default-release/storage/permanent/chrome/idb
15208   ./mozilla/firefox/92zrdv7w.default-release/storage/permanent/chrome
15212   ./mozilla/firefox/92zrdv7w.default-release/storage/permanent
52      ./mozilla/firefox/92zrdv7w.default-release/storage/default/moz-extension+++26bd617c-5505-4661-9776-767c66a62aeb"userContextId=4294967295/idb/3647222921wleabcEoxlt-eengsairo.files
64      ./mozilla/firefox/92zrdv7w.default-release/storage/default/moz-extension+++26bd617c-5505-4661-9776-767c66a62aeb"userContextId=4294967295/idb
320     ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/100
364     ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/235
56      ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/55
172     ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/62
320     ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/71
320     ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/230
664     ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/238
44      ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/187
196     ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue/97
2480    ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache/morgue
2560    ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/cache
4      ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/idb/1285389055eddaioalnptuitkn7e7w%.files
4      ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/idb/1017741070eadtiaadn_tdiekd7d7e%.files
4      ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/idb/3928678954esdliiaantdiekd7g7a%.files
4      ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/idb/3677806970ehdciraanetsi_ke7n7i%.files
4      ./mozilla/firefox/92zrdv7w.default-release/storage/default/https+++mail.google.com/idb/405744537ebddifaln_tmiokc7.7l%.files
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
8 ./config/dconf
8 ./config/update-notifier
8 ./config/ristretto
12 ./config/Mousepad
8 ./config/xubuntu
3184 ./config/libreoffice/4/user/backups
4 ./config/libreoffice/4/user/extensions/bundled/registry/com.sun.star.comp.deployment.script.PackageRegistryBackend
8 ./config/libreoffice/4/user/extensions/bundled/registry/com.sun.star.comp.deployment.help.PackageRegistryBackend
8 ./config/libreoffice/4/user/extensions/bundled/registry/com.sun.star.comp.deployment.configuration.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/bundled/registry/com.sun.star.comp.deployment.executable.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/bundled/registry/com.sun.star.comp.deployment.sfwk.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/bundled/registry/com.sun.star.comp.deployment.bundle.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/bundled/registry/com.sun.star.comp.deployment.component.PackageRegistryBackend
40 ./config/libreoffice/4/user/extensions/bundled/registry
48 ./config/libreoffice/4/user/extensions/bundled
4 ./config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.script.PackageRegistryBackend
8 ./config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.help.PackageRegistryBackend
8 ./config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.configuration.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.executable.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.sfwk.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.bundle.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/shared/registry/com.sun.star.comp.deployment.component.PackageRegistryBackend
40 ./config/libreoffice/4/user/extensions/shared/registry
48 ./config/libreoffice/4/user/extensions/shared
4 ./config/libreoffice/4/user/extensions/tmp/extensions
4 ./config/libreoffice/4/user/extensions/tmp/registry/com.sun.star.comp.deployment.script.PackageRegistryBackend
8 ./config/libreoffice/4/user/extensions/tmp/registry/com.sun.star.comp.deployment.help.PackageRegistryBackend
8 ./config/libreoffice/4/user/extensions/tmp/registry/com.sun.star.comp.deployment.configuration.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/tmp/registry/com.sun.star.comp.deployment.executable.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/tmp/registry/com.sun.star.comp.deployment.sfwk.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/tmp/registry/com.sun.star.comp.deployment.bundle.PackageRegistryBackend
4 ./config/libreoffice/4/user/extensions/tmp/registry/com.sun.star.comp.deployment.component.PackageRegistryBackend
40 ./config/libreoffice/4/user/extensions/tmp/registry
48 ./config/libreoffice/4/user/extensions/tmp
152 ./config/libreoffice/4/user/extensions
4 ./config/libreoffice/4/user/uno_packages/cache/uno_packages
4 ./config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.script.PackageRegistryBackend
8 ./config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.help.PackageRegistryBackend
8 ./config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.configuration.PackageRegistryBackend
4 ./config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.executable.PackageRegistryBackend
4 ./config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.sfwk.PackageRegistryBackend
4 ./config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.bundle.PackageRegistryBackend
4 ./config/libreoffice/4/user/uno_packages/cache/registry/com.sun.star.comp.deployment.component.PackageRegistryBackend
40 ./config/libreoffice/4/user/uno_packages/cache/registry
52 ./config/libreoffice/4/user/uno_packages/cache
56 ./config/libreoffice/4/user/uno_packages
```





```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
4 ./config/libreoffice/4/user/config/soffice.cfg/modules/swriter/toolbar
28 ./config/libreoffice/4/user/config/soffice.cfg/modules/swriter
4 ./config/libreoffice/4/user/config/soffice.cfg/modules/StartModule/menubar
4 ./config/libreoffice/4/user/config/soffice.cfg/modules/StartModule/images/Bitmaps
8 ./config/libreoffice/4/user/config/soffice.cfg/modules/StartModule/images
4 ./config/libreoffice/4/user/config/soffice.cfg/modules/StartModule/popupmenu
4 ./config/libreoffice/4/user/config/soffice.cfg/modules/StartModule/statusbar
4 ./config/libreoffice/4/user/config/soffice.cfg/modules/StartModule/toolbar
28 ./config/libreoffice/4/user/config/soffice.cfg/modules/StartModule
60 ./config/libreoffice/4/user/config/soffice.cfg/modules
64 ./config/libreoffice/4/user/config/soffice.cfg
108 ./config/libreoffice/4/user/config
8 ./config/libreoffice/4/user/pack/autotext
20 ./config/libreoffice/4/user/pack/database/biblio
28 ./config/libreoffice/4/user/pack/database
12 ./config/libreoffice/4/user/pack/config
16 ./config/libreoffice/4/user/pack/basic/Standard
28 ./config/libreoffice/4/user/pack/basic
108 ./config/libreoffice/4/user/pack
16 ./config/libreoffice/4/user/basic/Standard
28 ./config/libreoffice/4/user/basic
4 ./config/libreoffice/4/user/psprint
4 ./config/libreoffice/4/user/autocorr
4772 ./config/libreoffice/4/user
4780 ./config/libreoffice/4
4784 ./config/libreoffice
84 ./config/pulse
5148 ./config
4 ./gnupg/private-keys-v1.d
8 ./gnupg
4 ./Desktop
44 ./gnome2/gtksourceview-1.0/language-specs
48 ./gnome2/gtksourceview-1.0
52 ./gnome2
1388 ./Documents
4 ./Videos
8 ./cache/sessions/thumbs-kayonpc10:0
20 ./cache/sessions
152 ./cache/thumbnails/normal
588 ./cache/thumbnails/large
744 ./cache/thumbnails
12 ./cache/update-manager-core
16 ./cache/fontconfig
4 ./cache/obexd
4 ./cache/mozilla/firefox/pd3rc9vn.default
260 ./cache/mozilla/firefox/92zrdv7w.default-release/OfflineCache
./cache/mozilla/firefox/92zrdv7w.default-release/cache2/entries
./cache/mozilla/firefox/92zrdv7w.default-release/cache2/doomed
./cache/mozilla/firefox/92zrdv7w.default-release/cache2
./cache/mozilla/firefox/92zrdv7w.default-release/safebrowsing/google4
./cache/mozilla/firefox/92zrdv7w.default-release/safebrowsing
./cache/mozilla/firefox/92zrdv7w.default-release/thumbnails
./cache/mozilla/firefox/92zrdv7w.default-release/startupCache
./cache/mozilla/firefox/92zrdv7w.default-release
./cache/mozilla/firefox
./cache/mozilla
./cache/gstreamer-1.0
./cache
./local/share/inxi
./local/share/keyrings
./local/share/applications
./local/share/nano
./local/share/xfpanel-switch
./local/share/PackageTracer7/LocalStorage
./local/share/PackageTracer7
./local/share/ristretto
./local/share/gvfs-metadata
./local/share/Trash/info
./local/share/Trash/files
./local/share/Trash
./local/share/NetacadExamPlayer/QtWebEngine/Default/GPUCache
./local/share/NetacadExamPlayer/QtWebEngine/Default
./local/share/NetacadExamPlayer/QtWebEngine
./local/share/NetacadExamPlayer
./local/share
./local
./Pictures
./Music
root@kayonpc10: /home/kayon-pc10#
```

```
Terminal - root@kayonpc10: /home/kayon-pc10
File Edit View Terminal Tabs Help
4 ./Videos
8 ./cache/sessions/thumbs-kayonpc10:0
20 ./cache/sessions
152 ./cache/thumbnails/normal
588 ./cache/thumbnails/large
744 ./cache/thumbnails
12 ./cache/update-manager-core
16 ./cache/fontconfig
4 ./cache/obexd
4 ./cache/mozilla/firefox/pd3rc9vn.default
260 ./cache/mozilla/firefox/92zrdv7w.default-release/OfflineCache
35368 ./cache/mozilla/firefox/92zrdv7w.default-release/cache2/entries
4 ./cache/mozilla/firefox/92zrdv7w.default-release/cache2/doomed
35428 ./cache/mozilla/firefox/92zrdv7w.default-release/cache2
6592 ./cache/mozilla/firefox/92zrdv7w.default-release/safebrowsing/google4
7192 ./cache/mozilla/firefox/92zrdv7w.default-release/safebrowsing
80 ./cache/mozilla/firefox/92zrdv7w.default-release/thumbnails
12856 ./cache/mozilla/firefox/92zrdv7w.default-release/startupCache
55920 ./cache/mozilla/firefox/92zrdv7w.default-release
55928 ./cache/mozilla/firefox
55932 ./cache/mozilla
944 ./cache/gstreamer-1.0
57684 ./cache
4 ./local/share/inxi
12 ./local/share/keyrings
8 ./local/share/applications
4 ./local/share/nano
4 ./local/share/xfpanel-switch
8 ./local/share/PackageTracer7/LocalStorage
36 ./local/share/PackageTracer7
4 ./local/share/ristretto
40 ./local/share/gvfs-metadata
8 ./local/share/Trash/info
24 ./local/share/Trash/files
36 ./local/share/Trash
552 ./local/share/NetacadExamPlayer/QtWebEngine/Default/GPUCache
556 ./local/share/NetacadExamPlayer/QtWebEngine/Default
560 ./local/share/NetacadExamPlayer/QtWebEngine
564 ./local/share/NetacadExamPlayer
728 ./local/share
732 ./local
4 ./Pictures
4 ./Music
97752
root@kayonpc10: /home/kayon-pc10#
```





```
Terminal - root@kayonpc10: /home/kayon-pc10

File Edit View Terminal Tabs Help

-at-spi-bus-laun└─dbus-daemon
└─3*[{at-spi-bus-laun}]
-at-spi2-registr└─2*[{at-spi2-registr}]
└─dbus-daemon
└─dconf-service└─2*[{dconf-service}]
└─gvfs-afc-volume└─3*[{gvfs-afc-volume}]
└─gvfs-goa-volume└─2*[{gvfs-goa-volume}]
└─gvfs-gphoto2-vo└─2*[{gvfs-gphoto2-vo}]
└─gvfs-mtp-volume└─2*[{gvfs-mtp-volume}]
└─gvfs-udisks2-vo└─2*[{gvfs-udisks2-vo}]
└─gvfsd└─gvfsd-trash└─2*[{gvfsd-trash}]
└─2*[{gvfsd}]
└─gvfsd-fuse└─5*[{gvfsd-fuse}]
└─indicator-messa└─3*[{indicator-messa}]
└─obexd
└─xfce4-notifyd└─2*[{xfce4-notifyd}]
└─xfconfd
-systemd-journal
-systemd-logind
-systemd-resolve
-systemd-timesyn└─{systemd-timesyn}
-systemd-udev
-thermal└─{thermal}
-udisksd└─4*[{udisksd}]
-unattended-upgr└─{unattended-upgr}
-upowerd└─2*[{upowerd}]
-whoopsie└─2*[{whoopsie}]
-wpa_supplicant
-xfce4-panel└─panel-1-whisker└─oosplash└─soffice.bin└─4*[{soffice.bin}]
└─2*[{oosplash}]
└─2*[{panel-1-whisker}]
└─panel-4-systray
└─panel-5-notific└─2*[{panel-5-notific}]
└─panel-6-indicat└─2*[{panel-6-indicat}]
└─panel-7-status└─2*[{panel-7-status}]
└─panel-8-power-m└─2*[{panel-8-power-m}]
└─panel-9-pulseau└─2*[{panel-9-pulseau}]
└─2*[{xfce4-panel}]
-xfce4-power-man└─2*[{xfce4-power-man}]
-xfce4-terminal└─bash└─sudo└─su└─bash└─pstree
└─2*[{xfce4-terminal}]
-xfdesktop└─2*[{xfdesktop}]
-xfsettingsd└─2*[{xfsettingsd}]
-xfwm4

root@kayonpc10:/home/kayon-pc10#
```