

```
1 su -kermit2
2 su - kermit2
3 exit
4 pwd
5 ls
6 mkdir CS6502
7 ls
8 ls -l
9 ls -l
10 ls CS6502/
11 ls /home/user/CS6502
12 pwd
13 cd /home/user/CS6502
14 pwd
15 touch Test1.text
16 ls -l
17 cd ..
18 ls Cs6502
19 ls CS6502
20 pwd
21 cd ..
22 pwd
23 /
24 cd /home/user
25 pwd
26 cd /etc/samba
27 cd /etc/
28 pwd
29 ls
30 cd
31 pwd
```

```
32 ls
33 ls CDS6502/
34 ls CD6502/
35 CS6502/
36 cd /CS6502
37 ls
38 cd CS6502/
39 cd ..
40 pwd
41 cd
42 cd CS6502
43 cs
44 cd
45 ls
46 mkdir CS6502/Math
47 ls
48 ls CS6502
49 ls home/user/CS6502
50 ls /home/user/CS6502
51 pwd
52 touch Test1.txt
53 ls -l
54 touch Math/TestMath.txt
55 touch new_file_name
56 cd /home/user/CS6502
57 ls -l
58 touch Math/TestMath.txt
59 ls -l
60 ls -l Math
61 cd Math
62 ls
```

```
63 cd ..
64 pwd
65 ls -l
66 rmdir Math
67 rm Math/*.*
68 rmdir Math
69 mv filename new_location
70 mkdir Math
71 cd Math
72 touch Test2.txt
73 mv Test2.txt /home/user/NewTest.Txt
74 ls -lh
75 cd//
76 cd..
77 cd ..
78 ls -lh
79 pwd
80 cd ..
81 ls -lh
82 cp filename new_location
83 cp NewTest.txt ~/cs6502/
84 cp NewTest.txt ~/CS6502/
85 ls -lh
86 cp NewTest.Txt ~/CS6502/
87 ls -l
88 cd CS6502
89 ls -l
90 ls -lh
91 date
92 sudo apt update
93 sudo apt search vim | grep installed
```

```
94 echo $SHELL
95 vim
96 vi
97 pwd
98 ls
99 ls -lh
100 vi
101 vi Test1.txt
102 ls -lh
103 echo 'test information' >Test1.txt
104 echo 'test information' >Test1.txt
105 cat Test1.txt
106 echo 'test information' >>Test1.txt
107 echo 'test information2' >>Test1.txt
108 echo 'test information3' >>Test1.txt
109 echo 'test information4' >>Test1.txt
110 cat Test1.txt
111 vi Test1.txt
112 vi test1.txt
113 vi Test1.txt
114 cat Test1.txt
115 vi Test1.txt
116 sudo apt update
117 sudo apt install vim
118 vi Test1.txt
119 cat Test1.txt
120 ls -l
121 sudo groupadd math
122 sudo groupadd math
123 groups
124 usermod -a -G math user
```

```
125 sudo usermod -a -G math user
126 sudo usermod -a -G math user
127 groups
128 su -user
129 su - user
130 groups
131 sudo useradd -m kermit
132 sudo useradd -m kermit2
133 ls /home
134 ls -lh home
135 ls -lh/home
136 ls -lh /home
137 passwd kermit2
138 sudo passwd kermit2
139 sudo chsh -s /bin/bash kermit
140 cat /etc/passwd
141 su - kermit2
142 su - kermit
143 su - kermit2
144 cd - kermit2
145 su - kermit2
146 cd - Kermit2
147 cd - kermit
148 su - kermit
149 cd..
150 cd - kermit
151 cd - Kermit
152 su - Kermit
153 ls -lh
154 cd ..
155 ls -lh
```

```
156 lsmod | grep vboxguest
157 /usr/sbin/VBoxService --version
158 /usr/sbin/VBoxService--version
159 /usr/sbin/VBoxService --version
160 ls
161 ls -lh
162 pwd
163 cd /etc
164 pwd
165 cd
166 pwd
167 cd /usr/bin
168 cd
169 pwd
170 cd
171 cd /usr
172 cd bin
173 cd
174 pwd
175 ls
176 ls /usr/bin
177 ls -a
178 cd
179 sudo apt update
180 sudo build-essential linux-headers-$(uname -r) -y
181 sudo build-essential linux-headers-$(user -r) -y
182 sudo build-essential linux-headers-$(user-r) -y
183 sudo build-essential linux-headers-$(uname -r) -y
184 sudo build-essential linux-headers-$(user-r) -y
185 sudo build-essential linux-headers-$user-r) -y
186 sudo build-essential linux-headers-$(uname -r) -y
```

```
187 shutdown -h
188 cs
189 cd
190 cd /media/user/VBox_GAs_7.0.14/
191 sudo ./VBoxLinuxAdditions.run
192 lsmod | rgrep vboxguest
193 lsmod | greb vboxguest
194 lsmod | grep vboxguest
195 /usr/sbin/VBoxService --version'
196 cd
197 x
198 exit
199 xf
200 $
201 cd
202 cs
203 cd
204 sudo apt upgrade
205 lsmod | grep vboxguest
206 /usr/sbin/VBoxService --version
207 cd /etc
208 ls
209 cd default/
210 ls
211 vi grub
212 lsmod | grep vboxguest
213 /usr/sbin/VBoxService --version
214 man useradd
215 man -t useradd |ps2pdf - useradd.pdf
216 ls
217 man -t useradd |ps2pdf - useradd.pdf
```

```
218 useradd -m kermi
219 useradd -m kermi
220 sudo useradd -m kermi
221 ls /hom
222 ls /home
223 desktop
224 cd desktop
225 desktop cd
226 cd /desktop
227 /desktop
228 cat /etc/passwd
229 sudo snap refresh
230 ls /home
231 ls -lh /home
232 cd ..4
233 cd ..
234 cd Documents/
235 cd ..
236 su - kermi
237 mkdir scripts
238 cp /home/user/Downloads/script1.txt /home/user/scripts/
239 cd scripts/
240 pwd
241 ;s
242 ls
243 ls -lh
244 clear
245 ls -lh
246 vi script1.txt
247 chmod 775 script.txt
248 chmod 775 script1.txt
```



```
249 ls -lh
250 ./script1.txt
251 chmod +x script1.txt
252 ./script1.txt
253 ./script1.sh
254 vi script1.txt
255 cat
256 cat script1
257 cat script1.txt
258 cd
259 touch script1.sh
260 cd script1.sh
261 cd script1.sh/
262 mkdir script1.sh
263 rm script1.sh
264 mkdir script1.sh
265 cd script1.sh
266 vim
267 ls
268 cat
269 cat script1.sh
270 vi script1.sh
271 cat script1.sh
272 sudo sh ./script1/sh
273 cd
274 sudo sh ./script1.sh
275 whoami
276 ls
277 cd scripts/
278 whoami
279 ls
```

```
280 vi script1.sh
281 chmod 755 script1.sh
282 sudo chmod 755 script1.sh
283 cd
284 mkdir script2
285 mkdir script3.sh
286 cd script3.sh
287 vi script3.sh
288 chmod 755 script3.sh
289 ./script3.sh
290 cd
291 cd script3/
292 cd script3.sh/
293 cd
294 cd script/
295 ls -lh
296 ls -lh
297 mkdir script4
298 mkdir script4.sh
299 cd script4.sh
300 vi script4.sh
301 chmod 755 script4.sh
302 ls -lh
303 ./script4.sh
304 exit
305 ls
306 mkdir script4.sh
307 mkdir script5.sh
308 cd script5.sh
309 vi script5.sh
310 cd
```

```
311 cd script1.sh
312 vi script1
313 cd script3.sh
314 vi script3.sh
315 ls
316 cd /etc/passwd
317 etc/passwd/
318 less /etc/passwd
319 cd /etc/passwd
320 cat /etc/passwd
321 userdel -r kermit
322 sudo userdel -r kermit
323 sudo userdel -r kermit2
324 sudo userdel -r guest
325 sudo userdel -r kermito
326 cat /etc/passwd
327 ls
328 cat scripts
329 cat /scripts
330 cat scripts
331 ls scripts
332 useradd fozziebear
333 sudo useradd fozziebear
334 sudo useradd misspiggy
335 cat /etc/passwd
336 sudo useradd kermit
337 cat /etc/passwd
338 cd kermit
339 su -kermit
340 su - kermit
341 id kermit
```

342 passwd kermit  
343 sudo passwd kermit  
344 sudo passwd misspiggy  
345 sudo passwd fozziebear  
346 su - kermit  
347 su -kermit  
348 su - kermit  
349 sudo - kermit  
350 su - kermit  
351 sudo kermit  
352 sudo - kermit  
353 su - kermit  
354 cd /kermit  
355 sudo -i kermit  
356 sudo -i  
357 cd /home/kermit  
358 su -kermit  
359 su - kermit  
360 sudo -s  
361 sudo -i  
362 userdel -r kermit  
363 sudo userdel -r kermit  
364 sudo userdel -r misspiggy  
365 sudo userdel -r fozziebear  
366 cat /etc/passwd  
367 sudo useradd -s /bin/bash -m kermit  
368 sudo useradd -s /bin/bash -m misspiggy  
369 sudo useradd -s /bin/bash -m fozziebear  
370 cat /etc/passwd  
371 su -kermit  
372 su - kermit

```
373 sudo - kermi
374 sudo -i
375 cd /kermi
376 cd ..
377 ls
378 cd kermi
379 sudo cd kermi
380 ls
381 cd /kermi
382 kermi
383 /kermi
384 ls
385 exit
386 lsmod | grep vboxguest
387 sudo useradd -m andrew1 | passwd password
388 sudo useradd -m andrew1
389 userdel -r andrew1
390 userdel -r andrew1
391 sudo userdel -r andrew1
392 clear
393 sudo useradd -s /bin/bash -m andrew1
394 sudo useradd -s /bin/bash -m andrew2
395 sudo useradd -s /bin/bash -m andrew3
396 sudo useradd -s /bin/bash -m andrew4
397 sudo useradd -s /bin/bash -m andrew5
398 sudo passwd andrew1
399 sudo passwd andrew2
400 sudo passwd andrew3
401 sudo passwd andrew4
402 sudo passwd andrew5
403 /etc/passwd
```

404 sudo /etc/passwd  
405 cat /etc/passwd  
406 sudo userdel -r kermit  
407 sudo userdel -r misspiggy  
408 sudo userdel -r fozziebear  
409 sudo userdel -r muppetnews  
410 clear  
411 cat /etc/passwd  
412 sudo groupadd math  
413 sudo groupdel math  
414 sudo groupdel sportd  
415 sudo groupdel sports  
416 clear  
417 sudo groupadd math  
418 sudo groupadd sports  
419 sudo groupadd HR  
420 sudo groupadd IT  
421 sudo groupadd marketing  
422 sudo cat etc/group  
423 cat /etc/group  
424 clear  
425 sudo usermod -aG andrew1  
426 sudo usermod -aG math andrew1  
427 sudo usermod -aG sports andrew2  
428 sudo usermod -aG HR andrew3  
429 sudo usermod -aG IT andrew4  
430 sudo usermod -aG marketing andrew5  
431 grep andrew1 /etc/passwd  
432 sudo su  
433 clear  
434 grep andrew1 /etc/passwd

```
435 sudo nano /etc/passwd
436 cat /etc/passwd
437 ls /home
438 ls -l
439 ls -l andrew1
440 ls -l /andrew1
441 cat andrew1
442 ls -ld
443 ls -ld ~/andrew1
444 ls -ld ~/home/andrew1
445 ls -l /home/andrew1
446 sudo ls -l /home/andrew1
447 groups
448 groups andrew1
449 cat /etc/passwd
450 group andrew1
451 groups andrew1
452 history
453 history >> file.txt
```