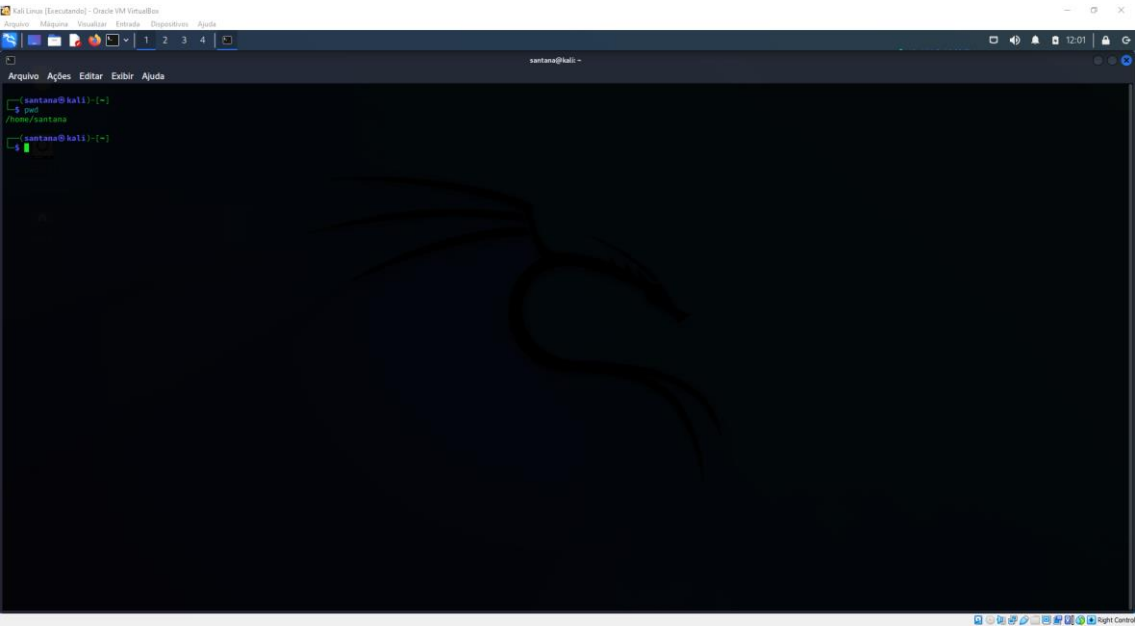
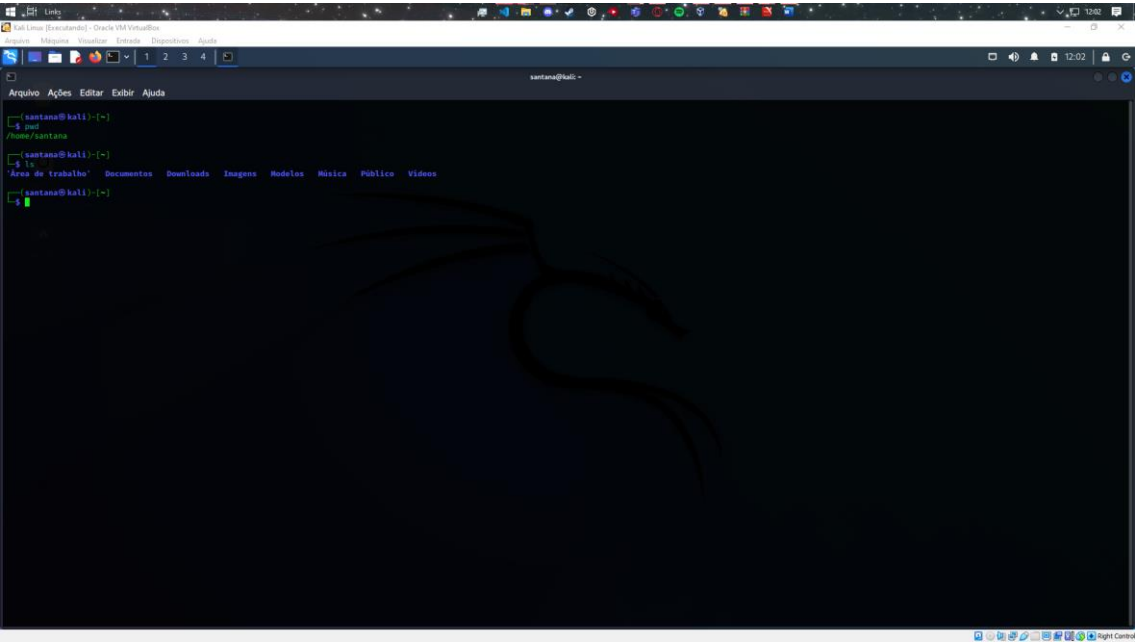


EX2.



EX3.

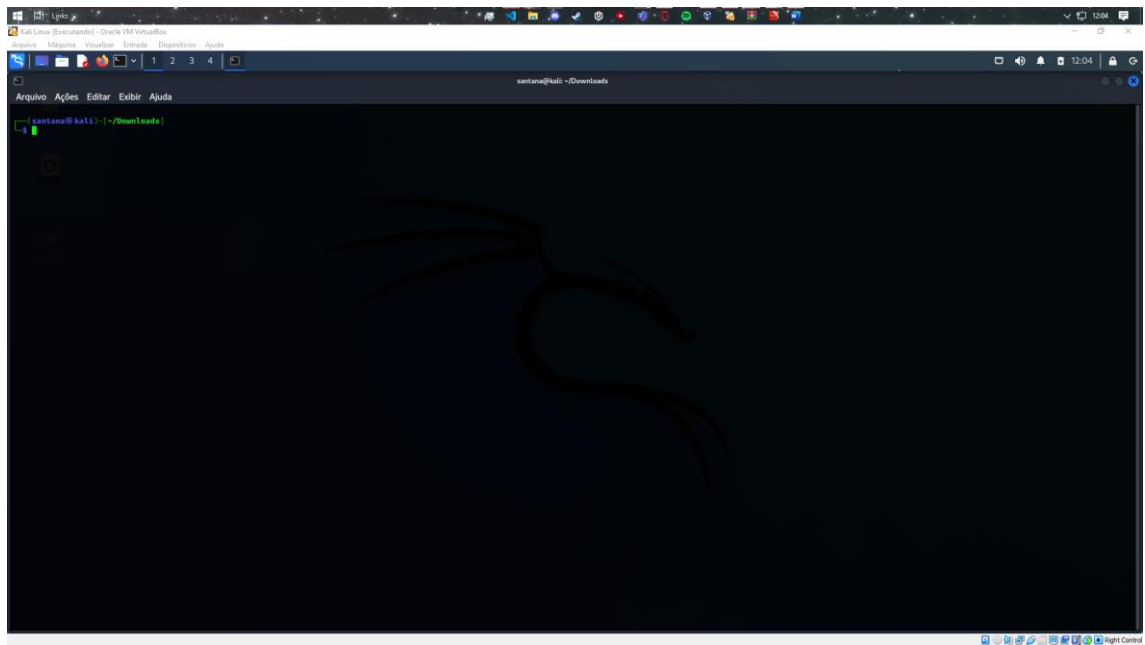
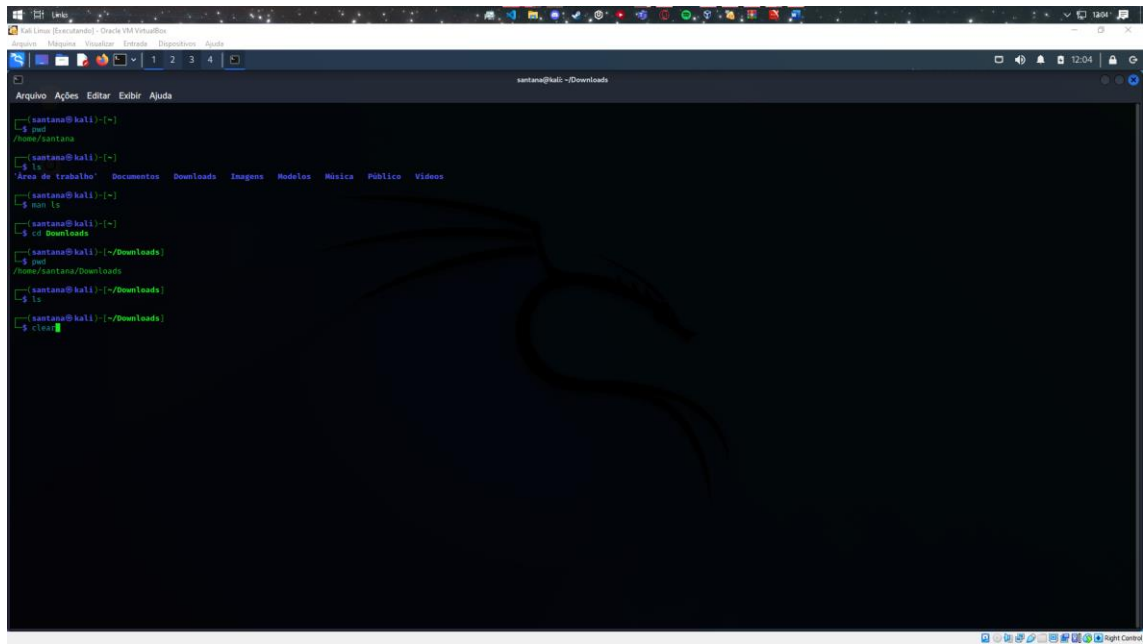


```
Links
Kali Linux [Executando] - Oracle VM VirtualBox
Aplicativos
Des Editor Exibir Ajuda
santana@kali -
--format=WORD
across -s, commas -m, horizontal -x, long -l, single-column -1, verbose -l, vertical -c
--full-time
like -l --time-style=full-iso
--s
like -l, but do not list owner
--group-directories-first
group directories before files;
can be augmented with a --sort option, but any use of --sort=none (-U) disables grouping
-G, --no-group
in a long listing, don't print group names
-h, --human-readable
with -l and -s, print sizes like 1K 234M 2G etc.
--si
likewise, but use powers of 1000 not 1024
-M, --reference-command-line
follow symbolic links listed on the command line
--dereference-command-line-symlink-to-dir
follow each command line symbolic link
that points to a directory
--hide=PATTERN
do not list implied entries matching shell PATTERN (overridden by -a or -A)
--hyperlink[=WHEN]
hyperlink file names; WHEN can be 'always' (default if omitted), 'auto', or 'never'
--indicator-style=WORD
append indicator with style WORD to entry names: none (default), slash (-p), file-type (--file-type), classify (-F)
-i, --inode
print the index number of each file
-I, --ignore=PATTERN
do not list implied entries matching shell PATTERN
-k, --kibibytes
default to 1024-byte blocks for disk usage; used only with -s and per directory totals
-l
use a long listing format
-L, --dereference
when showing file information for a symbolic link, show information for the file the link references rather than for the link itself
-m
fill width with a comma separated list of entries
log file
```

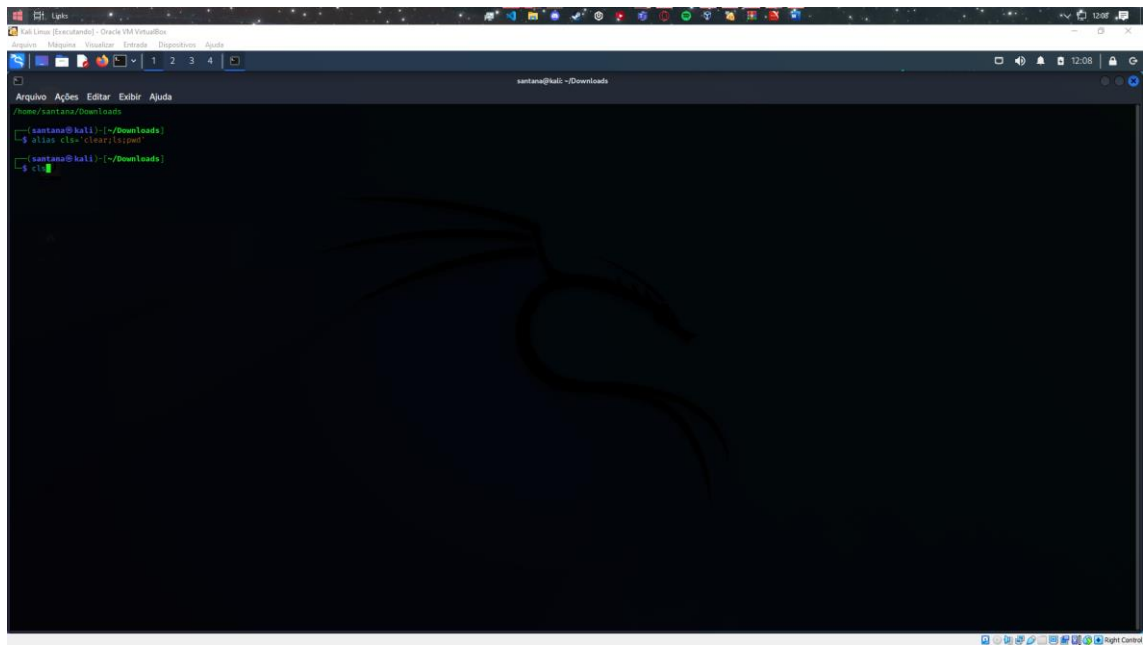
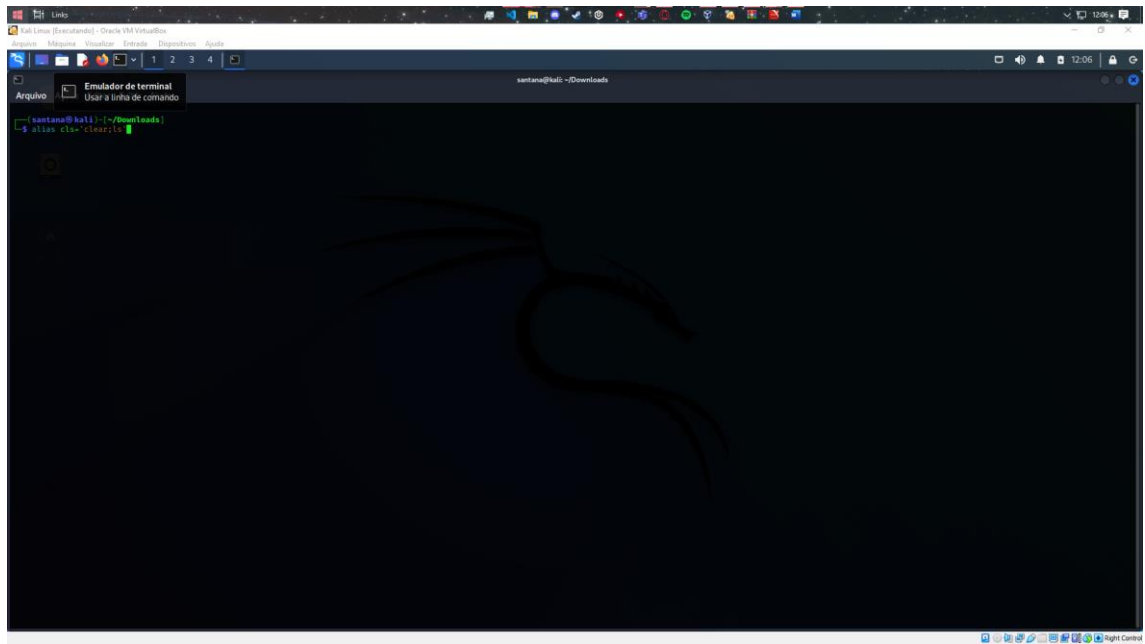
EX4.

```
Links
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivo Apêdes Editor Exibir Ajuda
santana@kali -/Downloads
[~] santana@kali:~$
$ pwd
/home/santana
[~] santana@kali:~$
$ ls
Área de Trabalho Documentos Downloads Imagens Modelos Musica Publico Videos
[~] santana@kali:~$
$ man ls
[~] santana@kali:~$
$ cd Downloads
[~] santana@kali:~/Downloads$
$ pwd
/home/santana/Downloads
[~] santana@kali:~/Downloads$
$ ls
[~] santana@kali:~/Downloads$
```

EX5.



EX6.



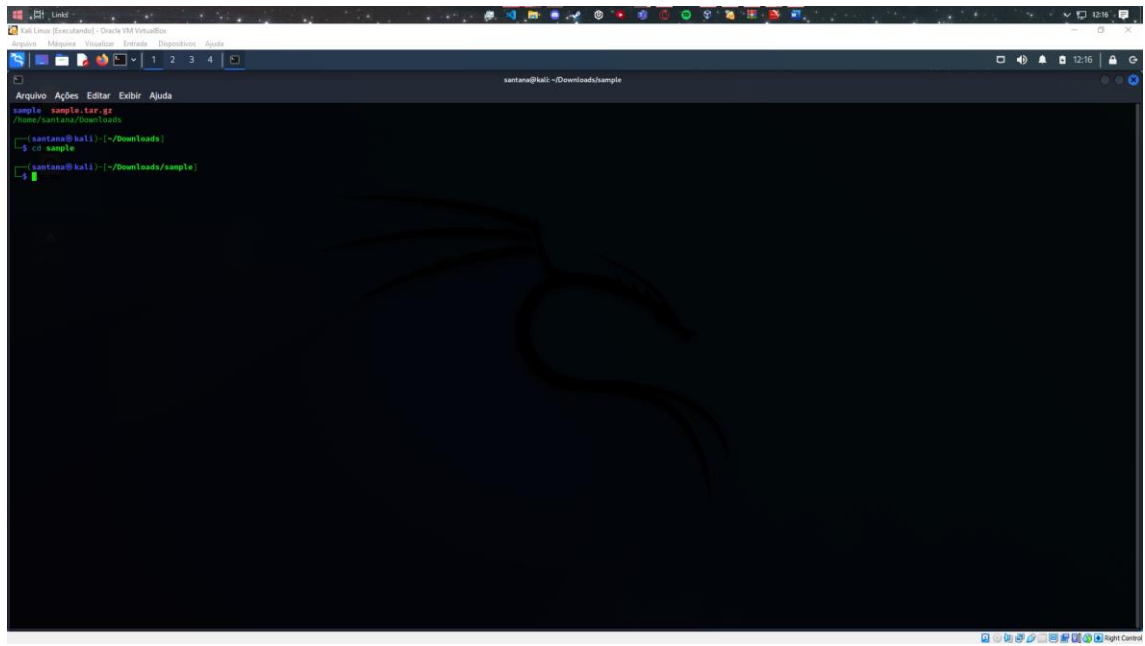
EX7



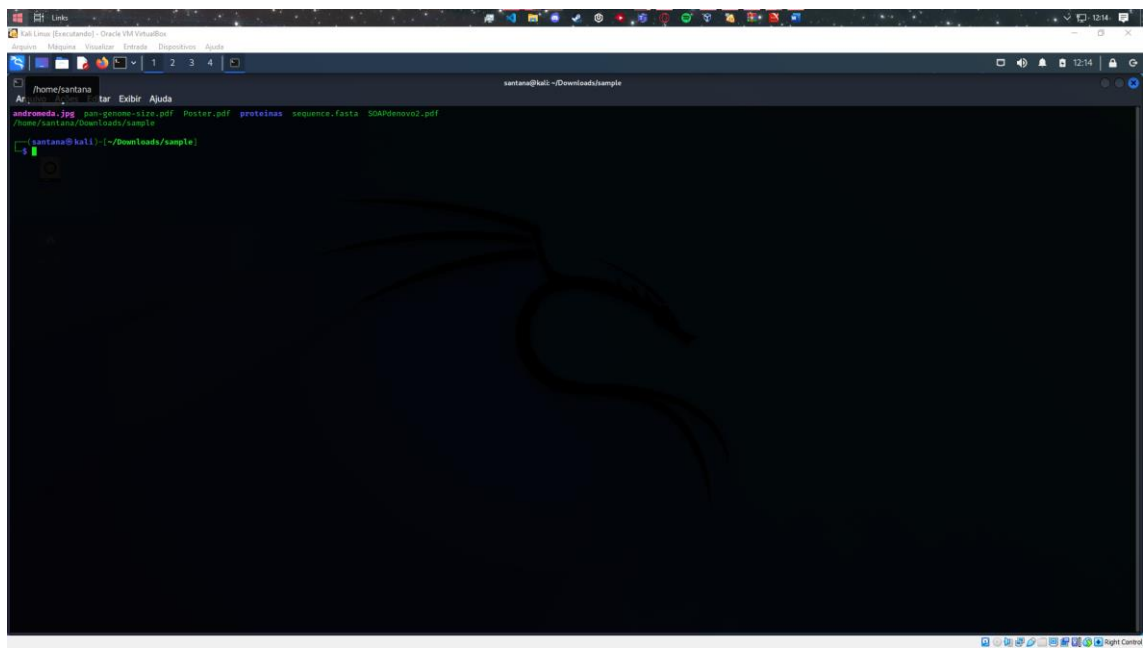
```
sample.tar.gz
ls -la
ls -la /Downloads
[santana@kali: ~]$ tar -xvf sample.tar.gz
sample/
sample/andromeda.jpg
sample/S04Adenov2.pdf
sample/sequence.fasta
sample/poster.pdf
sample/pam-pompe-size.pdf
sample/proteinas/
sample/proteinas/Rv0001
sample/proteinas/Rv0002
sample/proteinas/Rv0003
sample/proteinas/Rv0004
sample/proteinas/Rv0005
sample/proteinas/Rv0006
sample/proteinas/Rv0007
sample/proteinas/Rv0008
sample/proteinas/Rv0009
sample/proteinas/Rv0010
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sample/proteinas/Rv0036
sample/proteinas/Rv0037
sample/proteinas/Rv0038
sample/proteinas/Rv0039
sample/proteinas/Rv0040
sample/proteinas/Rv0041
sample/proteinas/Rv0042
sample/proteinas/Rv0043
sample/proteinas/Rv0044
sample/proteinas/Rv0045
sample/proteinas/Rv0046
sample/proteinas/Rv0047
sample/proteinas/Rv0048
sample/proteinas/Rv0049
sample/proteinas/Rv0050
sample/proteinas/Rv0051
sample/proteinas/Rv0052
sample/proteinas/Rv0053
sample/proteinas/Rv0054
sample/proteinas/Rv0055
sample/proteinas/Rv0056
sample/proteinas/Rv0057
sample/proteinas/Rv0058
sample/proteinas/Rv0059
sample/proteinas/Rv0060
sample/proteinas/Rv0061
sample/proteinas/Rv0062
sample/proteinas/Rv0063
sample/proteinas/Rv0064
sample/proteinas/Rv0065
sample/proteinas/Rv0066
```

```
tar(1)
NAME
tar - an archiving utility
SYNOPSIS
Traditional usage
tar [A|c|d|f|t|u|w|X|G|S|U|N|V|P|B|L|J|z|Z|H|P|K|W|w] [ARG ...]
UNIX-style usage
tar -A [OPTIONS] ARCHIVE ARCHIVE
tar -c [-f ARCHIVE] [OPTIONS] [FILE ...]
tar -d [-f ARCHIVE] [OPTIONS] [FILE ...]
tar -t [-f ARCHIVE] [OPTIONS] [MEMBER ...]
tar -r [-f ARCHIVE] [OPTIONS] [FILE ...]
tar -u [-f ARCHIVE] [OPTIONS] [FILE ...]
tar -x [-f ARCHIVE] [OPTIONS] [MEMBER ...]
GNU-style usage
tar [--concatenate|--concatenate] [OPTIONS] ARCHIVE ARCHIVE
tar --create [--file ARCHIVE] [OPTIONS] [FILE ...]
tar --diff [--compare] [--file ARCHIVE] [OPTIONS] [FILE ...]
tar --delete [--file ARCHIVE] [OPTIONS] [MEMBER ...]
tar --append [-f ARCHIVE] [OPTIONS] [FILE ...]
tar --list [-f ARCHIVE] [OPTIONS] [MEMBER ...]
tar --test-label [--file ARCHIVE] [OPTIONS] [LABEL ...]
tar --update [--file ARCHIVE] [OPTIONS] [FILE ...]
tar --update [-f ARCHIVE] [OPTIONS] [FILE ...]
tar --extract|--get [-f ARCHIVE] [OPTIONS] [MEMBER ...]
NOTE
This manpage is a short description of GNU tar. For a detailed discussion, including examples and usage recommendations, refer to the GNU Tar Manual available in texinfo format. If the info reader and the tar documentation are properly installed on your system, the command
info tar
should give you access to the complete manual.
You can also view the manual using the info mode in emacs(1), or find it in various formats online at
Manual page tar(1) line 1 (press h for help or q to quit)
```

EX10



EX11

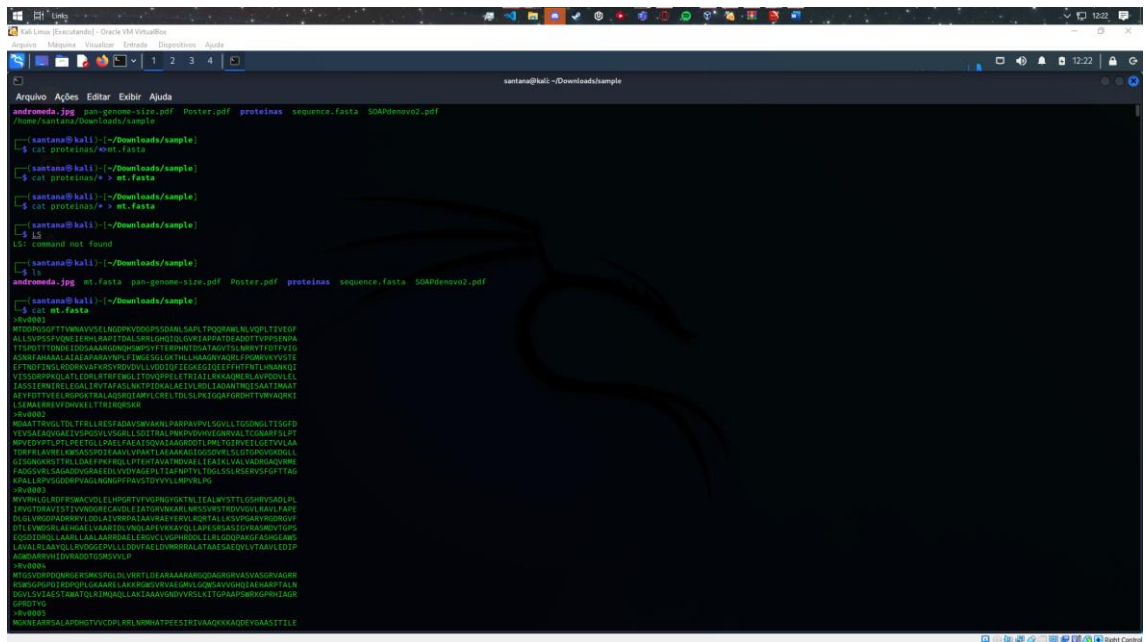
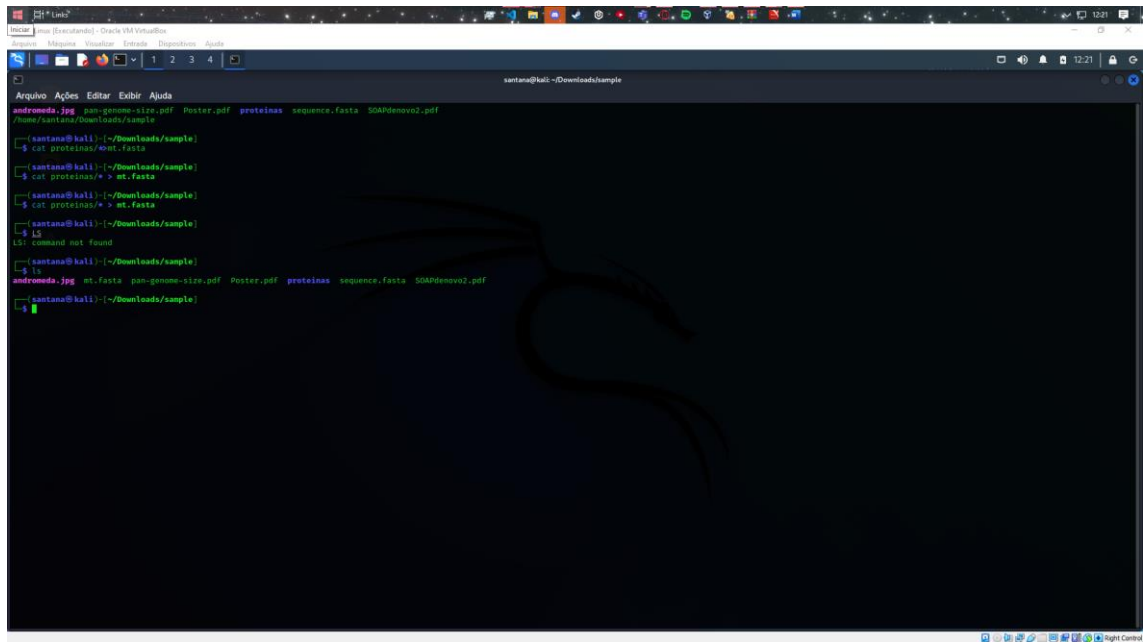


EX12


```
Kali Linux [root@kali: ~] - Oracle VM VirtualBox
Arquivo  Ações  Editor  Exibir  Ajuda
~/Downloads/sample
[~] (santana@kali) ~/Downloads/sample
$ cat sequence.fasta
>seq1802_18126
MFAITRRLCTATTAATSLAVALGAPAAVAGPSITVSTIMUKATYTFPTFVSSTNSTARADYSVN
STVQVGGITISYKIQSGQYTFSELTFFPSVGRHLHETTFEAGDSGPHLAKMGATNSADKVTFR
TSDQPHATLHTLLEVTFFVWATGPTPTFQLSSGDTVTFASGSHLXHWKTLFQWLSGAFPAI
FBSLTLLSPISLRALNI
>seq1802_1863
RLFSPRFGTFLPLTAALAVFCVGFPTATQVTPYTPDQGYTFSEPSAENTTGTVLSDQVRRPVLD
VLVWKRIZATYTHMGFSTPTFGVLLVITANWRGRPRPVALLAGTQAGDGSQPSKLLTMGGYEYMF
SMAALLNMTNATYTHMGFSTPTFGVLLVITANWRGRPRPVALLAGTQAGDGSQPSKLLTMGGYEYMF
SMAAENRRAVAPVNNVLAAGVAPNLLSVSSLEDTALGLVGLVYTGWYTFPEIPEFHPNFINLR
GKVLQNTGRLGFLLELTPMPTFISVYQGNLGLSDNTPVAGSAGQGLTANPVPYVAGDGL
GLTAPGARTINWNLSDQVTFWEDSPFALDLSGHWLASSFLAVENAGLALGLGPTP
```

EX13

```
Kali Linux [root@kali: ~] - Oracle VM VirtualBox
Arquivo  Ações  Editor  Exibir  Ajuda
~/Downloads/sample
[~] (santana@kali) ~/Downloads/sample
$ cat proteins
>seq1802_18126
Rv0801  Rv08154c  Rv0808  Rv0839  Rv0808  Rv0756  Rv0909  Rv1062  Rv21226c  Rv1364c  Rv1513  Rv1666c  Rv1819c  Rv1972  Rv2126c  Rv2278  Rv2425c  Rv2577  Rv2729c  Rv2802c  Rv3023  Rv3186  Rv3332  Rv3403c  Rv3638  Rv3787c
Rv0802  Rv08155  Rv0807c  Rv0840  Rv0809  Rv0757  Rv0908  Rv0804c  Rv1013  Rv1252c  Rv1514c  Rv1667c  Rv1820  Rv1973  Rv2127  Rv2279  Rv2426c  Rv2578  Rv2730  Rv2803c  Rv3022  Rv3187  Rv3333c  Rv3404  Rv3639c  Rv3788
Rv0803  Rv08156  Rv0808  Rv0841  Rv0809A  Rv0911  Rv1054c  Rv1155c  Rv1366  Rv1515c  Rv1668c  Rv1821  Rv1974  Rv2128  Rv2280  Rv2427c  Rv2579  Rv2731  Rv2804  Rv3024  Rv3188  Rv3334  Rv3405c  Rv3640  Rv3789
Rv0804  Rv08157  Rv0809  Rv0842  Rv0810c  Rv0758  Rv0912  Rv1055  Rv1215c  Rv1367c  Rv1516  Rv1669  Rv1822  Rv1975  Rv2129c  Rv2281  Rv2428  Rv2480c  Rv2732c  Rv2805c  Rv3034c  Rv3189  Rv3335  Rv3406  Rv3641  Rv3790
Rv0805  Rv08158  Rv0810c  Rv0811c  Rv0760c  Rv0913c  Rv1056  Rv1216c  Rv1368  Rv1517  Rv1670  Rv1823  Rv1976  Rv2130c  Rv2282  Rv2429  Rv2481c  Rv2733c  Rv2806c  Rv3035  Rv3190c  Rv3336c  Rv3407  Rv3642  Rv3791
Rv0806  Rv08159c  Rv0811  Rv0844c  Rv0812  Rv0761c  Rv0914c  Rv1057c  Rv1217c  Rv1369c  Rv1518c  Rv1671  Rv1824  Rv1977  Rv2131c  Rv2283  Rv2430c  Rv2582  Rv2734  Rv2807  Rv3036c  Rv3191c  Rv3337  Rv3408  Rv3643  Rv3792
Rv0807  Rv08160c  Rv0812  Rv0845c  Rv0813c  Rv0915c  Rv1058c  Rv1218c  Rv1370c  Rv1519  Rv1672  Rv1825  Rv1978  Rv2132  Rv2284  Rv2431c  Rv2482c  Rv2735c  Rv2808c  Rv3037c  Rv3192  Rv3338  Rv3409  Rv3644  Rv3793
Rv0808c  Rv08161  Rv0813  Rv0846  Rv0814  Rv0916c  Rv1059c  Rv1219c  Rv1371  Rv1520  Rv1673c  Rv1826  Rv1979c  Rv2133c  Rv2285  Rv2432c  Rv2483c  Rv2736c  Rv2809c  Rv3038c  Rv3193c  Rv3339c  Rv3410c  Rv3645  Rv3794
Rv0809  Rv08162c  Rv0814  Rv0847  Rv0815  Rv0764c  Rv0917  Rv1070c  Rv1220c  Rv1372  Rv1521  Rv1674c  Rv1827  Rv1980c  Rv2134c  Rv2286c  Rv2433c  Rv2583c  Rv2737c  Rv2810c  Rv3039c  Rv3194c  Rv3340  Rv3411c  Rv3646  Rv3795
Rv0810c  Rv08163  Rv0815  Rv0848  Rv0816c  Rv0918  Rv1071  Rv1221  Rv1373  Rv1522c  Rv1675c  Rv1828  Rv1981c  Rv2135c  Rv2287  Rv2434c  Rv2584c  Rv2738c  Rv2811  Rv3040c  Rv3195  Rv3341  Rv3412c  Rv3647  Rv3796
Rv0811c  Rv08164  Rv0816  Rv0849  Rv0817  Rv0766c  Rv0919  Rv1072  Rv1222  Rv1374c  Rv1523  Rv1676  Rv1829  Rv1982c  Rv2136c  Rv2288  Rv2435c  Rv2587c  Rv2739c  Rv2812c  Rv3041c  Rv3196  Rv3342  Rv3413c  Rv3648  Rv3797
Rv0812  Rv08165c  Rv0817c  Rv0848  Rv0818  Rv0767c  Rv0920c  Rv1073  Rv1223  Rv1375  Rv1524c  Rv1677  Rv1830  Rv1983  Rv2137c  Rv2289  Rv2436c  Rv2588c  Rv2740c  Rv2813  Rv3042c  Rv3197  Rv3343  Rv3414c  Rv3649  Rv3798
Rv0813  Rv08166  Rv0818c  Rv0849  Rv0819  Rv0768c  Rv0921  Rv1074c  Rv1224  Rv1376  Rv1525  Rv1678  Rv1831  Rv1984c  Rv2138  Rv2290  Rv2437c  Rv2589c  Rv2741c  Rv2814  Rv3043c  Rv3198  Rv3344c  Rv3415c  Rv3650  Rv3799c
Rv0814c  Rv08167  Rv0819  Rv0849c  Rv0820  Rv0769  Rv0922  Rv1075c  Rv1225c  Rv1377c  Rv1526c  Rv1679  Rv1832  Rv1985c  Rv2139  Rv2291  Rv2438c  Rv2590  Rv2742  Rv2815c  Rv3044  Rv3199  Rv3345c  Rv3416c  Rv3651  Rv3800c
Rv0815c  Rv08168  Rv0820  Rv0849c  Rv0821  Rv0770  Rv0923c  Rv1076  Rv1226c  Rv1378c  Rv1527c  Rv1680  Rv1833c  Rv1986  Rv2140c  Rv2292  Rv2439c  Rv2591  Rv2743c  Rv2816  Rv3045  Rv3200c  Rv3417c  Rv3652  Rv3801c
Rv0816  Rv08169  Rv0821  Rv0849c  Rv0822  Rv0771  Rv0924c  Rv1077  Rv1227c  Rv1379  Rv1528c  Rv1681  Rv1834  Rv1987  Rv2141c  Rv2293c  Rv2440c  Rv2592c  Rv2744c  Rv2817c  Rv3046c  Rv3201  Rv3418c  Rv3653  Rv3802c
Rv0817c  Rv08170  Rv0822  Rv0849c  Rv0823  Rv0772  Rv0925c  Rv1078  Rv1228  Rv1380  Rv1529  Rv1682  Rv1835c  Rv1988  Rv2142c  Rv2294  Rv2441c  Rv2593c  Rv2745c  Rv2818c  Rv3047c  Rv3202  Rv3419c  Rv3654  Rv3803c
Rv0818c  Rv08171  Rv0823c  Rv0849c  Rv0824  Rv0773c  Rv0926c  Rv1079  Rv1229c  Rv1381  Rv1530  Rv1683  Rv1836c  Rv1989c  Rv2143  Rv2295  Rv2442c  Rv2594c  Rv2746c  Rv2819c  Rv3048c  Rv3203  Rv3420c  Rv3655  Rv3804c
Rv0819c  Rv08172  Rv0824  Rv0849c  Rv0825c  Rv0774c  Rv0927c  Rv1080c  Rv1230c  Rv1382  Rv1531  Rv1684  Rv1837c  Rv1990c  Rv2144c  Rv2296  Rv2443c  Rv2595  Rv2747c  Rv2820c  Rv3049c  Rv3204  Rv3421c  Rv3656  Rv3805c
Rv0820c  Rv08173  Rv0825  Rv0849c  Rv0826  Rv0775  Rv0928  Rv1081c  Rv1231c  Rv1383  Rv1532c  Rv1685  Rv1838c  Rv1991c  Rv2145c  Rv2297  Rv2444c  Rv2596  Rv2748  Rv2821  Rv3050c  Rv3205  Rv3422c  Rv3657  Rv3806c
Rv0821c  Rv08174  Rv0826  Rv0849c  Rv0827  Rv0776c  Rv0929  Rv1082  Rv1232c  Rv1384  Rv1533  Rv1686c  Rv1839c  Rv1992c  Rv2146c  Rv2298  Rv2445c  Rv2597  Rv2749c  Rv2822c  Rv3051c  Rv3206  Rv3423c  Rv3658  Rv3807c
Rv0822c  Rv08175  Rv0827c  Rv0849c  Rv0828  Rv0777  Rv0930  Rv1083  Rv1233c  Rv1385  Rv1534  Rv1687c  Rv1840c  Rv1993c  Rv2147c  Rv2299  Rv2446c  Rv2598  Rv2750  Rv2823c  Rv3052  Rv3207  Rv3424c  Rv3659  Rv3808c
Rv0823  Rv08176  Rv0828  Rv0849c  Rv0829c  Rv0778  Rv0931c  Rv1084  Rv1234  Rv1386  Rv1535  Rv1688  Rv1841c  Rv1994c  Rv2148c  Rv2300  Rv2447c  Rv2599  Rv2751  Rv2824  Rv3053c  Rv3208  Rv3425c  Rv3660  Rv3809c
Rv0824  Rv08177  Rv0829c  Rv0849c  Rv0830c  Rv0779c  Rv0932c  Rv1085  Rv1235  Rv1387  Rv1536  Rv1689  Rv1842c  Rv1995c  Rv2149c  Rv2301  Rv2448c  Rv2600  Rv2752  Rv2825  Rv3054c  Rv3209  Rv3426c  Rv3661  Rv3810c
Rv0825  Rv08178  Rv0830c  Rv0849c  Rv0831c  Rv0780  Rv0933  Rv1086  Rv1236  Rv1388  Rv1537  Rv1690  Rv1843c  Rv1996  Rv2150c  Rv2302  Rv2449c  Rv2601  Rv2753  Rv2826  Rv3055  Rv3210  Rv3427c  Rv3662  Rv3811c
Rv0826  Rv08179  Rv0831  Rv0849c  Rv0832c  Rv0781  Rv0934  Rv1087  Rv1237  Rv1389  Rv1538c  Rv1691  Rv1844c  Rv1997  Rv2151c  Rv2303  Rv2450c  Rv2602  Rv2754  Rv2827  Rv3056  Rv3211  Rv3428c  Rv3663  Rv3812c
Rv0827  Rv08180c  Rv0832  Rv0849c  Rv0833  Rv0782  Rv0935  Rv1088  Rv1238  Rv1390  Rv1539  Rv1692  Rv1845c  Rv1997  Rv2152c  Rv2304  Rv2451c  Rv2603  Rv2755  Rv2828  Rv3057  Rv3212  Rv3429c  Rv3664  Rv3813c
Rv0828  Rv08181c  Rv0833  Rv0849c  Rv0834c  Rv0783c  Rv0936  Rv1089  Rv1239  Rv1391  Rv1540  Rv1693  Rv1846c  Rv1998c  Rv2153c  Rv2305  Rv2452  Rv2604c  Rv2756  Rv2829  Rv3058  Rv3213  Rv3430c  Rv3665  Rv3814c
Rv0829  Rv08182c  Rv0834  Rv0849c  Rv0835  Rv0784  Rv0937c  Rv1090  Rv1240  Rv1392  Rv1541  Rv1694  Rv1847  Rv1999c  Rv2154  Rv2306  Rv2453c  Rv2605  Rv2757  Rv2830  Rv3059  Rv3214  Rv3431c  Rv3666  Rv3815c
Rv0830  Rv08183  Rv0835c  Rv0849c  Rv0836  Rv0785  Rv0938  Rv1090A  Rv1241  Rv1393c  Rv1542c  Rv1695  Rv1848  Rv2000  Rv2155c  Rv2307  Rv2454c  Rv2606  Rv2758  Rv2831  Rv3060  Rv3215  Rv3432c  Rv3667  Rv3816c
Rv0831  Rv08184  Rv0836  Rv0848  Rv0837  Rv0786c  Rv0939  Rv1091  Rv1242  Rv1394c  Rv1543  Rv1696  Rv1849  Rv2001  Rv2156c  Rv2308  Rv2455c  Rv2607  Rv2759c  Rv2832  Rv3061c  Rv3216  Rv3433c  Rv3668  Rv3817c
Rv0832  Rv08185  Rv0837c  Rv0849  Rv0838  Rv0787  Rv0940c  Rv1091  Rv1243c  Rv1395  Rv1544  Rv1697  Rv1850  Rv2002  Rv2157c  Rv2309  Rv2456c  Rv2608  Rv2760  Rv2833  Rv3062  Rv3217  Rv3434c  Rv3669  Rv3818
Rv0833  Rv08186  Rv0838  Rv0837  Rv0787c  Rv0941c  Rv1092  Rv1244  Rv1396c  Rv1545  Rv1698  Rv1851  Rv2003  Rv2158c  Rv2310c  Rv2457c  Rv2609  Rv2761  Rv2834  Rv3063  Rv3218  Rv3435c  Rv3670  Rv3819
Rv0834  Rv08187  Rv0839c  Rv0841  Rv0838  Rv0942  Rv1093  Rv1245c  Rv1397c  Rv1546  Rv1699  Rv1852  Rv2004  Rv2159c  Rv2311  Rv2458c  Rv2610  Rv2762  Rv2835  Rv3064  Rv3219  Rv3436c  Rv3671  Rv3820c
Rv0835  Rv08188  Rv0840  Rv0840c  Rv0839  Rv0789c  Rv0943c  Rv1094  Rv1246c  Rv1398c  Rv1547  Rv1700  Rv1853  Rv2005  Rv2160c  Rv2312  Rv2459c  Rv2611c  Rv2763  Rv2836  Rv3065  Rv3220  Rv3437c  Rv3672  Rv3821c
Rv0836  Rv08189c  Rv0841  Rv0842c  Rv0840  Rv0790c  Rv0944  Rv1095  Rv1247c  Rv1399c  Rv1548c  Rv1701  Rv1854c  Rv2006  Rv2161c  Rv2313  Rv2460c  Rv2612  Rv2764  Rv2837  Rv3066  Rv3221  Rv3438c  Rv3673  Rv3822c
Rv0837c  Rv08190  Rv0842  Rv0843c  Rv0941  Rv0791c  Rv0945  Rv1096  Rv1248c  Rv1400  Rv1549  Rv1702  Rv1855c  Rv2007c  Rv2162  Rv2314  Rv2461c  Rv2613  Rv2765  Rv2838  Rv3067  Rv3222  Rv3439c  Rv3674  Rv3823c
Rv0838  Rv08191  Rv0843  Rv0844c  Rv0842c  Rv0792c  Rv0946c  Rv1097c  Rv1249c  Rv1401  Rv1550  Rv1703  Rv1856c  Rv2008c  Rv2163c  Rv2315  Rv2462c  Rv2614c  Rv2766  Rv2839  Rv3068  Rv3223  Rv3440c  Rv3675  Rv3824c
Rv0839c  Rv08192  Rv0844c  Rv0845c  Rv0843c  Rv0793  Rv0947c  Rv1098c  Rv1250  Rv1402  Rv1551  Rv1704  Rv1857  Rv2009  Rv2164c  Rv2316  Rv2463c  Rv2615  Rv2767  Rv2840  Rv3069  Rv3224  Rv3441c  Rv3676  Rv3825c
Rv0840c  Rv08193  Rv0845  Rv0846  Rv0844c  Rv0794c  Rv0948  Rv1099c  Rv1251  Rv1403c  Rv1552  Rv1705  Rv1858  Rv2010  Rv2165c  Rv2317  Rv2464c  Rv2616  Rv2768  Rv2841  Rv3070  Rv3225  Rv3442c  Rv3677  Rv3826c
Rv0841c  Rv08194c  Rv0846  Rv0847  Rv0845c  Rv0795  Rv0950c  Rv1100  Rv1252c  Rv1404  Rv1553  Rv1706  Rv1859  Rv2011c  Rv2166c  Rv2318  Rv2465c  Rv2617c  Rv2769  Rv2842  Rv3071  Rv3226  Rv3443c  Rv3678  Rv3827c
Rv0842c  Rv08195  Rv0847  Rv0846c  Rv0796  Rv0951  Rv1101  Rv1253  Rv1405  Rv1554  Rv1707  Rv1860  Rv2012  Rv2167  Rv2319  Rv2466c  Rv2618  Rv2770  Rv2843  Rv3072  Rv3227  Rv3444c  Rv3679  Rv3828c
Rv0843c  Rv08196  Rv0848  Rv0847c  Rv0797  Rv0952  Rv1102c  Rv1254  Rv1406  Rv1555  Rv1708  Rv1861  Rv2013  Rv2167c  Rv2319c  Rv2466c  Rv2617c  Rv2770c  Rv2843c  Rv3072c  Rv3227c  Rv3444c  Rv3679  Rv3828c
```

EX14

```
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivo  Ações  Editor  Exibir  Ajuda
andromeda.jpg  mt.fasta  pan-genome-size.pdf  Poster.pdf  proteínas  sequence.fasta  SOAPdenovo2.pdf
~/Downloads/sample

[santana@kali: ~/-/Downloads/sample]
$ head -n 10 mt.fasta
->0001
MTGAGGAGGFTTGNAGVVSILNGSPKVGDSGDAALSAPLTPQGRABLNVPLTVEGF
ALLSVPSFVQNEIERHRAPIIDALSRHLGHLQGVREAPPATDEADDTVPVSENP
TSPGTTTNDGIDGSAARGDQHPVFFTERHNTGATAGTSLNRYTFGTFVIG
AGNYFAMAAALAZAPARAYWPLTWGSGLOKTHLHAGQVYARLPFGNRYVYSTE
EFTNDFINGLRDGRVAFKRSYVDVLLVDDIQITEGKEGEGEEFFHTFTLWMMAGI
VSSGHPHQLATLEHATTFTHLTTVDGRELTEKALIRAKQHLNAGDVVLE
TASSIERIERLEGALINVTAFASLWTPIDKALAEIVLKLADANTMISAATMAAT
AEVFTTVLEELHDPHTALASGRLAMPYLCHELTDLSLPKIGQAFGRDHTVWVAQKE
LSMAERREVDHWKELTTRIGDKR

[santana@kali: ~/-/Downloads/sample]
$
```

EX15

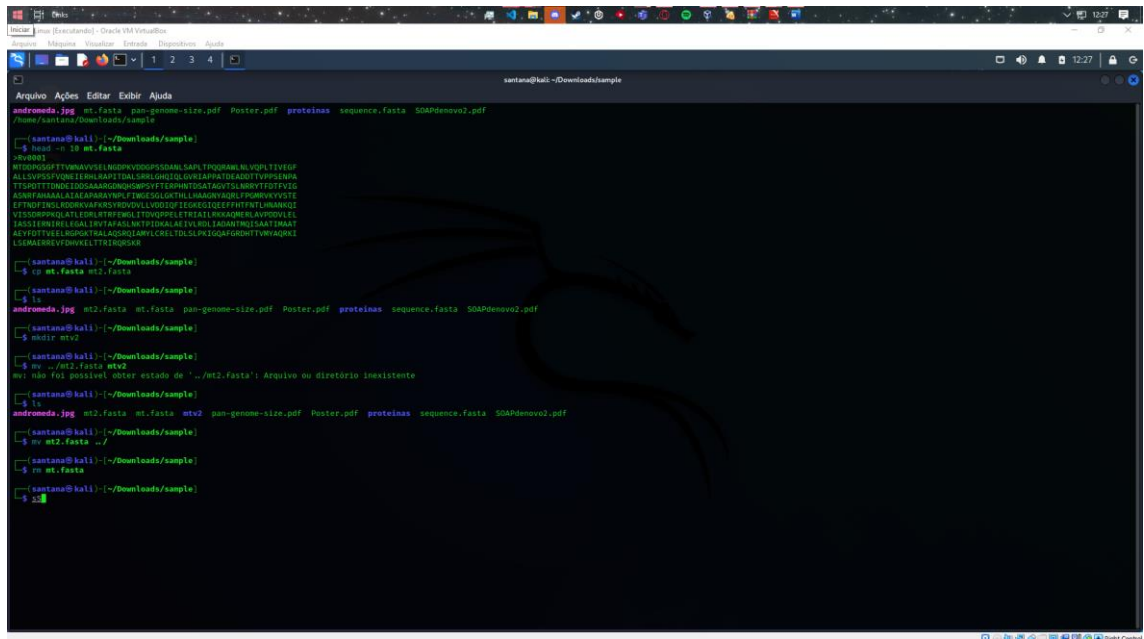
```
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivo  Ações  Editor  Exibir  Ajuda
andromeda.jpg  mt.fasta  pan-genome-size.pdf  Poster.pdf  proteínas  sequence.fasta  SOAPdenovo2.pdf
~/Downloads/sample

[santana@kali: ~/-/Downloads/sample]
$ head -n 10 mt.fasta
->0001
MTGAGGAGGFTTGNAGVSELNGSPKVGDSGDAALSAPLTPQGRABLNVPLTVEGF
ALLSVPSFVQNEIERHRAPIIDALSRHLGHLQGVREAPPATDEADDTVPVSENP
TSPGTTTNDGIDGSAARGDQHPVFFTERHNTGATAGTSLNRYTFGTFVIG
AGNYFAMAAALAZAPARAYWPLTWGSGLOKTHLHAGQVYARLPFGNRYVYSTE
EFTNDFINGLRDGRVAFKRSYVDVLLVDDIQITEGKEGEGEEFFHTFTLWMMAGI
VSSGHPHQLATLEHATTFTHLTTVDGRELTEKALIRAKQHLNAGDVVLE
TASSIERIERLEGALINVTAFASLWTPIDKALAEIVLKLADANTMISAATMAAT
AEVFTTVLEELHDPHTALASGRLAMPYLCHELTDLSLPKIGQAFGRDHTVWVAQKE
LSMAERREVDHWKELTTRIGDKR

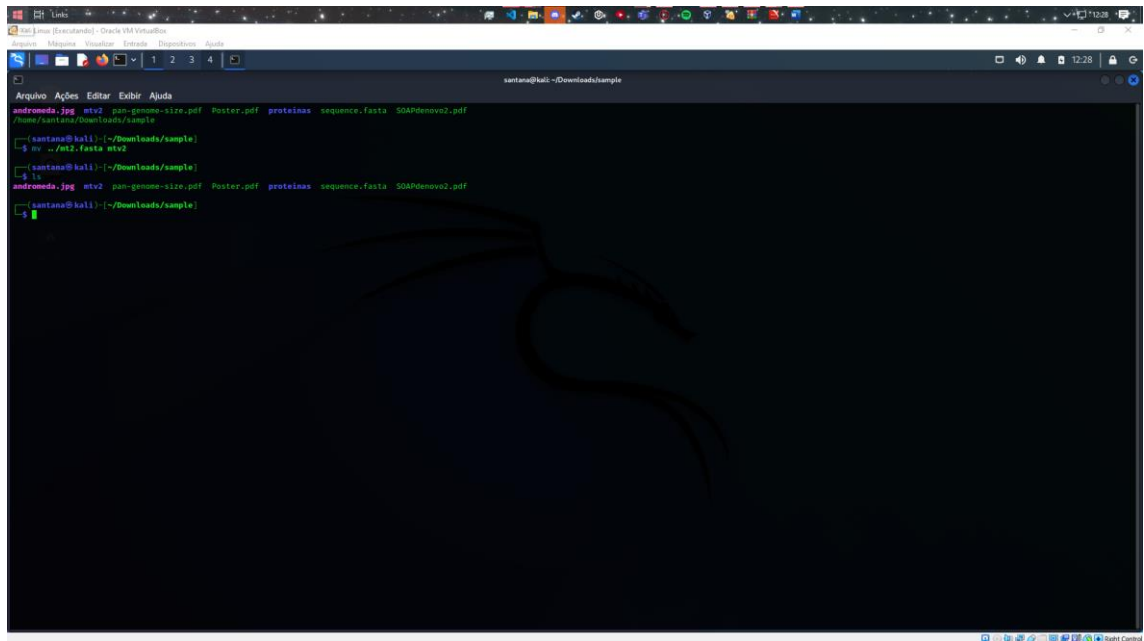
[santana@kali: ~/-/Downloads/sample]
$ cp mt.fasta mt2.fasta

[santana@kali: ~/-/Downloads/sample]
$ ls
andromeda.jpg  mt2.fasta  mt.fasta  pan-genome-size.pdf  Poster.pdf  proteínas  sequence.fasta  SOAPdenovo2.pdf

[santana@kali: ~/-/Downloads/sample]
$
```



EX16



EX17

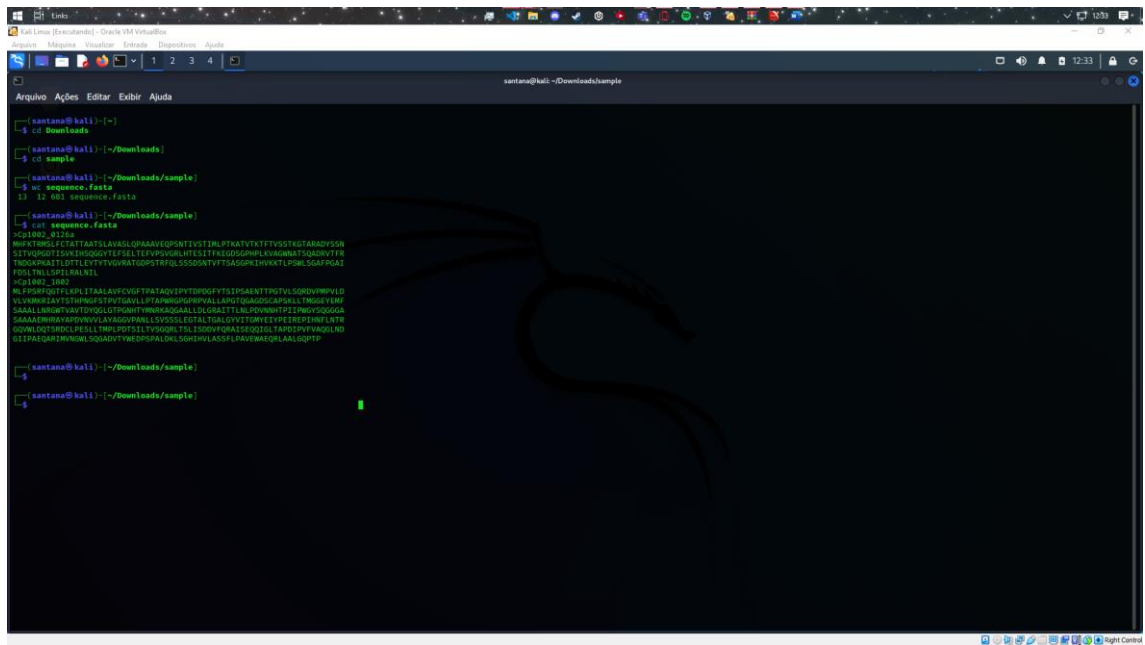
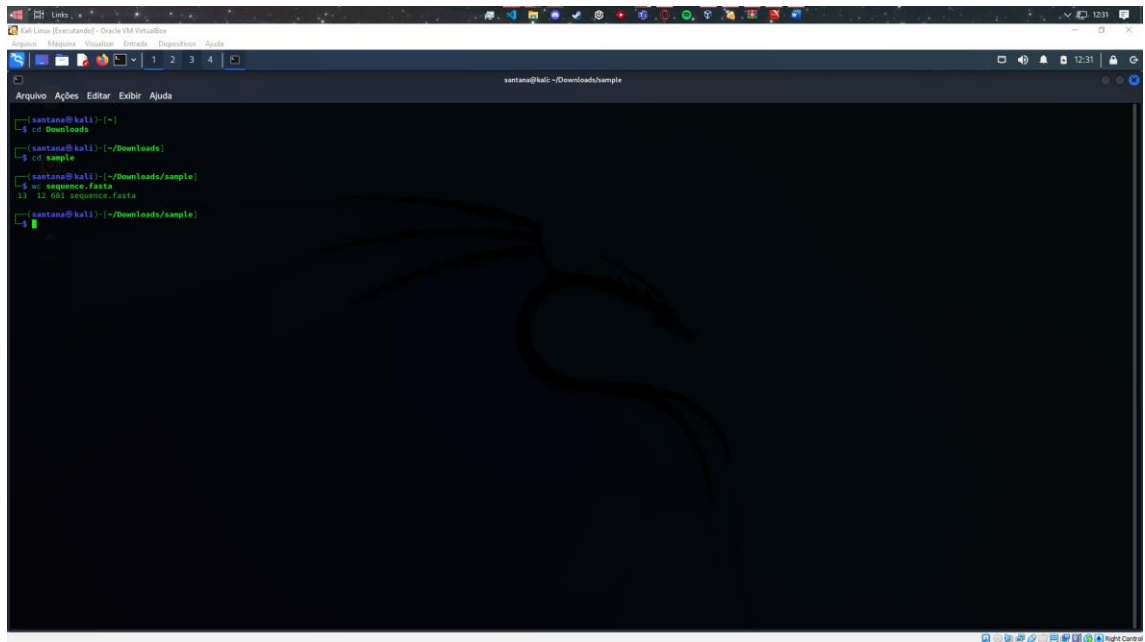
```
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivo  Ações  Editar  Exibir  Ajuda
~/Downloads/sample
andromeda.jpg  mtv2  pan-genome-size.pdf  Poster.pdf  proteínas  sequence.fasta  SOAPdenovo2.pdf
[santana@kali:~/Downloads/sample]
$ mv ../mt2.fasta mtv2
[santana@kali:~/Downloads/sample]
$ ls
andromeda.jpg  mtv2  pan-genome-size.pdf  Poster.pdf  proteínas  sequence.fasta  SOAPdenovo2.pdf
[santana@kali:~/Downloads/sample]
$ rm mtv2
rm: não foi possível remover 'mtv2': É um diretório
[santana@kali:~/Downloads/sample]
$
```

EX18

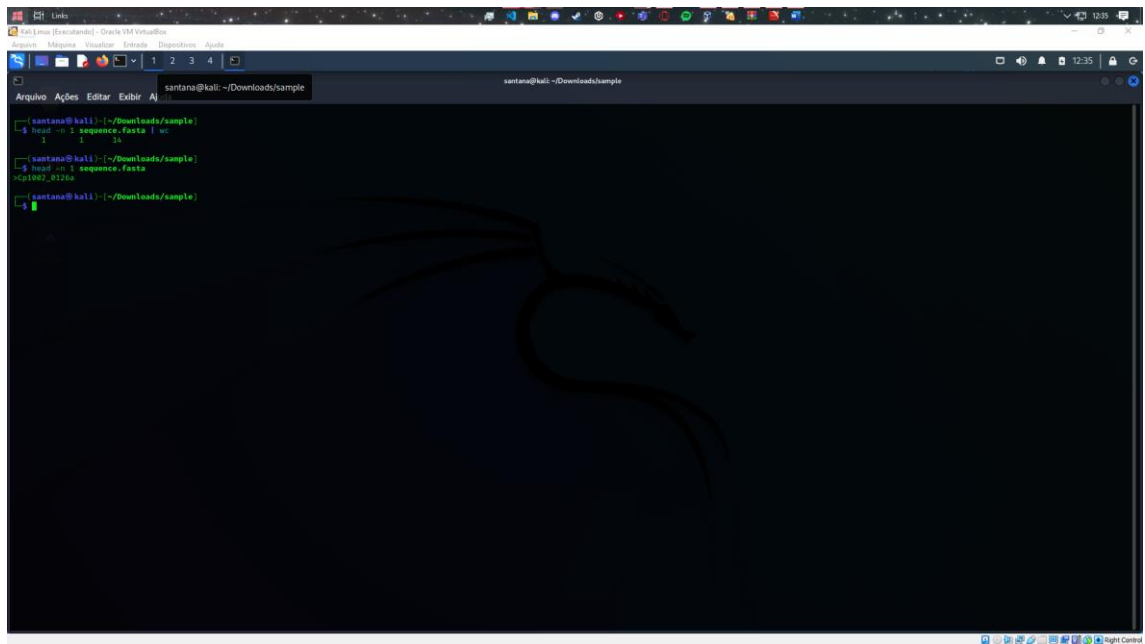
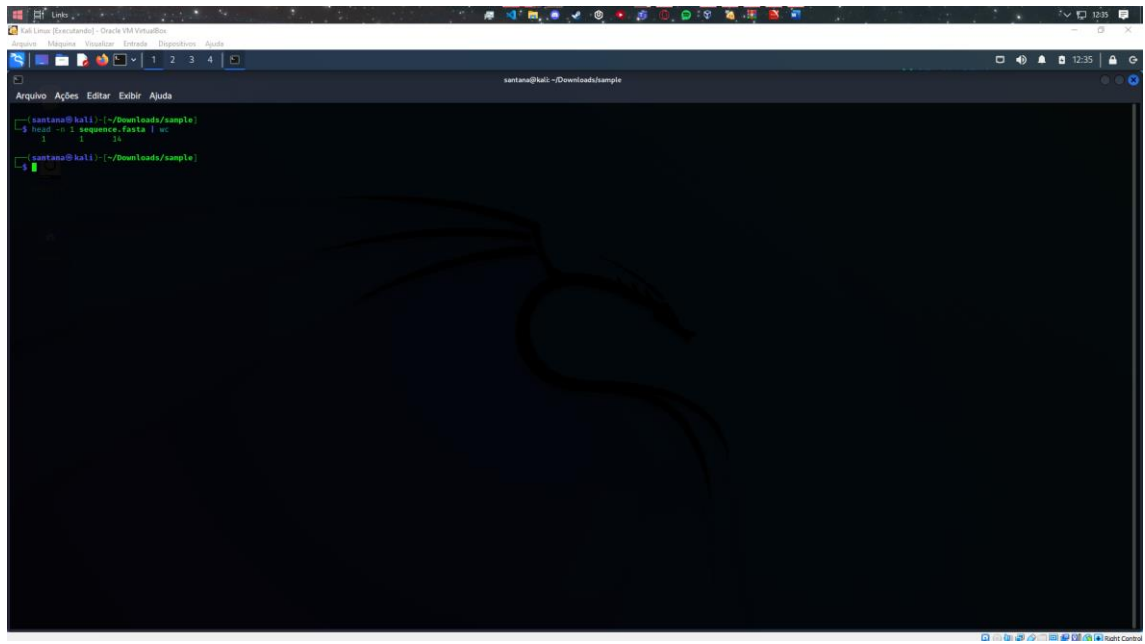
```
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivo  Ações  Editar  Exibir  Ajuda
rm: não foi possível remover 'mtv2': É um diretório
[santana@kali:~/Downloads/sample]
$ history
1  pwd
2  ls
3  man ls
4  cd Downloads
5  pwd
6  ls
7  clear
8  alias cls='clear;ls'
9  cls
10 alias cls='pwd;clear;ls'
11 cls
12 alias cls='clear;ls;pwd'
13 cls
14 alias cls='pwd;clear;ls'
15 cls
16 alias cls='clear;ls;pwd'
17 cls
18 alias cls='clear;ls;pwd'
19 cls
20 clear
21 ping
22 ping www.drybox.com
23 wget https://www.drybox.com/s/2kdb1j0s677ygyv/sample.tar.gz
24 clear
25 cls
26 tar -xvf sample.tar.gz
27 cls
28 man tar
29 cd sample
30 ls
31 cls
32 cd \
33 cd \
34 cls
35 cd sample
36 cat sequence.fasta
37 cls
38 cat sequence.fasta
39 ls proteínas
40 cls
41 cat proteínas/mtv2.fasta
42 cat proteínas/H -> mt.fasta
43 ls
44 ls
45 cat mt.fasta
46 cls
47 head -n 10 mt.fasta
48 cp mt.fasta mt2.fasta
49 ls
50 mkdir mtv2
51 mv ../mt2.fasta mtv2
```

AVANÇADO

EX1



EX2



EX3

```
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivo  Ações  Editar  Exibir  Ajuda

[santana@kali:~/Downloads/sample]
$ head -n 1 sequence.fasta | wc
1      24

[santana@kali:~/Downloads/sample]
$ head -n 1 sequence.fasta
>cp1007_8120a

[santana@kali:~/Downloads/sample]
$ ls proteins | wc -l
3988

[santana@kali:~/Downloads/sample]
$
```

```
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivo  Ações  Editar  Exibir  Ajuda

[santana@kali:~/Downloads/sample]
$ head -n 1 sequence.fasta | wc
1      24

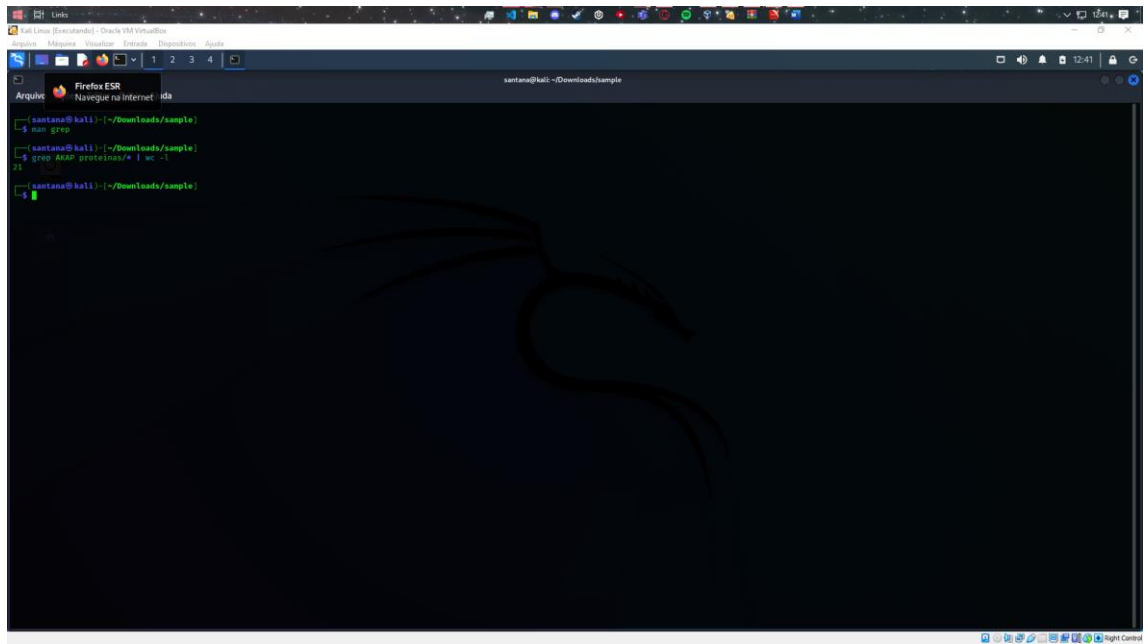
[santana@kali:~/Downloads/sample]
$ head -n 1 sequence.fasta
>cp1007_8120a

[santana@kali:~/Downloads/sample]
$ ls proteins | wc -l
3988

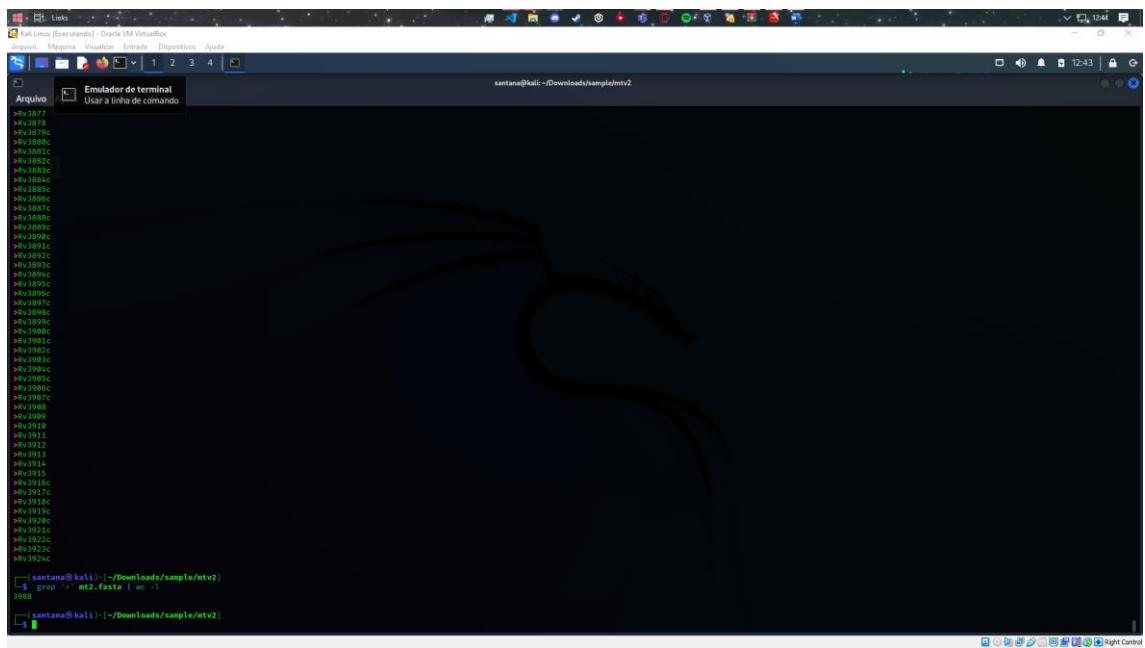
[santana@kali:~/Downloads/sample]
$ ls proteins | wc
3988      3988      29931

[santana@kali:~/Downloads/sample]
$ grep -A20 proteins/4
proteins/4:3988:CGGCGPFWNTGKPLSPKLVINGLDKHWIPAAAPV71GQWDASAGGAGQHWHVPESSGFS
proteins/4:3989:AGLLSGYLLARKVVDQAPAPAPAHMHANVEQNKALPSDEQAPAAAPSPYHMAA
proteins/4:3990:WCLPQDELVMAPSPQVETLAAEQDVAHQAALLETDAHMAAPYTBRAHL
proteins/4:3991:PAQDQSAKSSRAETLAKAAKVGATAPAKKAAAPAKAPASGQVKTAAKAPAK
proteins/4:3992:AMVINDSPRTASLTHERPKALAEHETLSAAAPAPGHENLETTPPELL
proteins/4:3993:ATLTPEHMSGRHLPLTAMABHRYVETTWVCYVPGHAKLNTABSSQLPAAAPV
proteins/4:3994:MTGLLDGKILVSGITDSSIAPIARVAQDQGLVLTGFDRLIQTIDRLPAAPL
proteins/4:3995:DAALTEQSGADVDVDAAPLAFGLALABAGCTVVAAGTQVAGSAPGQVQV
proteins/4:3996:GTTAAAPAAAPLAWDDGLQMLVKATRAITFTHTVPTTEGTAARAGLQGNF
proteins/4:3997:DEPLMCPDPAFANLNEISGAKAPAPAAAPLVFFPHEMLAPLITSDLPHEFLA
proteins/4:3998:APVVTPLVRLAKSENHDLADVTQVGGIRKQDVLAAAGQKAPAPAAQAAAPAA
proteins/4:3999:CPFAAPADYIAKRRRORVAGDITETITTLAALQ
proteins/4:4000:VPLSVGVAVGQNLVQDQAAAPPHMLSAHNRRAIDTDFSAVRADDSPTGEMDQAG
proteins/4:4001:ASAPQDTTSTIPKNTAAKSAAPAPASGHATAPRAKQAGHAATDPEALDSVE
proteins/4:4002:LGKVVDCQIRFQVQDQDLAAAPADITPHMLVMTATPIPREVALTVGQLETSLEEL
proteins/4:4003:LDIATWQFVQGLAAAPDSRYLLETGDLPSIVSVGVARVDSGQAPATATR
proteins/4:4004:RATQPLAKATTTVTGLADVTETLLSAAPAPNATKAAAGLQNTKAAKAS
proteins/4:4005:YTSAMARVAAGAKAAAPNTEESAAPAEQGVVAGSPAAPEPAPAPEN
proteins/4:4006:LAAPGULLNATDTEITLTLQLEKAAKSPHQVCTLEAMARVQHPQDTHA
proteins/4:4007:YEALNTDQQLPMDDIRLEPDSILRVLANHAPAAAPLVGGQNLNLEPSRLHNGE
[santana@kali:~/Downloads/sample]
$
```

EX4



EX5



EX6


```

Kali Linux [root@kali: ~] - Oracle VM VirtualBox
Arquivo  Firefox ESR  Navegue na Internet  ida  santana@kali: ~/Downloads/sample

~/Proteinas...
/proteinas/Rv0206
/proteinas/Rv1421
/proteinas/Rv2478
/proteinas/Rv208c
/proteinas/Rv2362c
/proteinas/Rv0511c
/proteinas/Rv0439c
/proteinas/Rv1421
/proteinas/Rv0804c
/proteinas/Rv1499
/proteinas/Rv226a
/proteinas/Rv347a
/proteinas/Rv2406c
/proteinas/Rv3819
/proteinas/Rv2478
/proteinas/Rv2237
/proteinas/Rv1698
/proteinas/Rv1983
/proteinas/Rv2759c
/proteinas/Rv1405
/proteinas/Rv3311
/proteinas/Rv2173
/proteinas/Rv1128c
/proteinas/Rv0397
/proteinas/Rv043a
/proteinas/Rv0874c
/proteinas/Rv2682c
/andromeda.jpg
/Poster.pdf

[santana@kali:~/Downloads/sample]
$ find . -name *.fasta
./Rv2
./Rv2.fasta

[santana@kali:~/Downloads/sample]
$ find . -size +500K
./Poster.pdf
./Rv2.fasta

[santana@kali:~/Downloads/sample]
$ find . -size +500K -ls
1325619 600 -rw-r--r-- 1 santana santana 611453 mai 5 2014 ./Poster.pdf
1325211 138a -rw-r--r-- 1 santana santana 1394998 jun 18 12:13 ./Rv2.fasta

[santana@kali:~/Downloads/sample]
$ find . -name *.pdf -ls
1325620 316 -rw-r--r-- 1 santana santana 322888 feb 24 2014 ./pan-genome-size.pdf
1325617 336 -rw-r--r-- 1 santana santana 382965 jan 7 2014 ./SOAPdenovo2.pdf
1325619 600 -rw-r--r-- 1 santana santana 611453 mai 5 2014 ./Poster.pdf

[santana@kali:~/Downloads/sample]

```

```

Kali Linux [root@kali: ~] - Oracle VM VirtualBox
Arquivo  Firefox ESR  Navegue na Internet  ida  santana@kali: ~/Downloads/sample

[santana@kali:~/Downloads/sample]
$ find . -perm -uwx
./proteinas
./Rv2

[santana@kali:~/Downloads/sample]
$ find . -perm -g-w -type d
.

[santana@kali:~/Downloads/sample]
$ ls
andromeda.jpg  Rv2  pan-genome-size.pdf  Poster.pdf  proteinas  sequence.fasta  SOAPdenovo2.pdf

[santana@kali:~/Downloads/sample]
$ find ./proteinas -size +1K -type f -ls
1329214 a -rw-r--r-- 1 santana santana 1107 mai 5 2014 ./proteinas/Rv2358
1330036 a -rw-r--r-- 1 santana santana 1201 mai 5 2014 ./proteinas/Rv2406c
1331800 a -rw-r--r-- 1 santana santana 1129 mai 5 2014 ./proteinas/Rv2401c
1331739 a -rw-r--r-- 1 santana santana 2356 mai 5 2014 ./proteinas/Rv2604c
1330202 a -rw-r--r-- 1 santana santana 1891 mai 5 2014 ./proteinas/Rv3728
1331801 a -rw-r--r-- 1 santana santana 1802 mai 5 2014 ./proteinas/Rv2362c
1329056 a -rw-r--r-- 1 santana santana 1572 mai 5 2014 ./proteinas/Rv2932
1329287 a -rw-r--r-- 1 santana santana 1629 mai 5 2014 ./proteinas/Rv0904c
1331453 a -rw-r--r-- 1 santana santana 1697 mai 5 2014 ./proteinas/Rv2490c
1328433 a -rw-r--r-- 1 santana santana 1222 mai 5 2014 ./proteinas/Rv0314a
1331408 a -rw-r--r-- 1 santana santana 1665 mai 5 2014 ./proteinas/Rv2414c
1329857 a -rw-r--r-- 1 santana santana 2233 mai 5 2014 ./proteinas/Rv2933
1328711 a -rw-r--r-- 1 santana santana 1288 mai 5 2014 ./proteinas/Rv0667
1330399 a -rw-r--r-- 1 santana santana 1239 mai 5 2014 ./proteinas/Rv0206c
1330365 a -rw-r--r-- 1 santana santana 1125 mai 5 2014 ./proteinas/Rv0831c
1329310 a -rw-r--r-- 1 santana santana 1837 mai 5 2014 ./proteinas/Rv1042
1331755 a -rw-r--r-- 1 santana santana 1355 mai 5 2014 ./proteinas/Rv2907c
1332108 a -rw-r--r-- 1 santana santana 1223 mai 5 2014 ./proteinas/Rv0202c
1328496 a -rw-r--r-- 1 santana santana 1361 mai 5 2014 ./proteinas/Rv0204a
1331217 a -rw-r--r-- 1 santana santana 1221 mai 5 2014 ./proteinas/Rv2124c
1330958 a -rw-r--r-- 1 santana santana 2133 mai 5 2014 ./proteinas/Rv3277c
1330899 a -rw-r--r-- 1 santana santana 1847 mai 5 2014 ./proteinas/Rv3479
1322225 a -rw-r--r-- 1 santana santana 2171 mai 5 2014 ./proteinas/Rv1825c
1330118 a -rw-r--r-- 1 santana santana 1861 mai 5 2014 ./proteinas/Rv3588
1331373 a -rw-r--r-- 1 santana santana 1728 mai 5 2014 ./proteinas/Rv2100c
1330542 a -rw-r--r-- 1 santana santana 1337 mai 5 2014 ./proteinas/Rv0319c
1330412 a -rw-r--r-- 1 santana santana 2258 mai 5 2014 ./proteinas/Rv0304c
1329720 a -rw-r--r-- 1 santana santana 1165 mai 5 2014 ./proteinas/Rv2566c
1329039 a -rw-r--r-- 1 santana santana 1521 mai 5 2014 ./proteinas/Rv2935
1328825 a -rw-r--r-- 1 santana santana 1247 mai 5 2014 ./proteinas/Rv2209
1329542 a -rw-r--r-- 1 santana santana 1818 mai 5 2014 ./proteinas/Rv2101
1329836 a -rw-r--r-- 1 santana santana 1866 mai 5 2014 ./proteinas/Rv2936
1331967 a -rw-r--r-- 1 santana santana 2375 mai 5 2014 ./proteinas/Rv3439c
1331971 a -rw-r--r-- 1 santana santana 1219 mai 5 2014 ./proteinas/Rv3347c
1329712 a -rw-r--r-- 1 santana santana 1842 mai 5 2014 ./proteinas/Rv1684a
1330430 a -rw-r--r-- 1 santana santana 3364 mai 5 2014 ./proteinas/Rv0355c
1329835 a -rw-r--r-- 1 santana santana 1916 mai 5 2014 ./proteinas/Rv2931
1331931 a -rw-r--r-- 1 santana santana 1889 mai 5 2014 ./proteinas/Rv2735c
1331973 a -rw-r--r-- 1 santana santana 3787 mai 5 2014 ./proteinas/Rv3350c

```

```
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivos  Máquinas  Visualizar  Entradas  Dispositivos  Ajuda

santana@kali: ~/Downloads/sample

Arquivo  Ações  Editar  Exibir  Ajuda

1328999  a -rw-r--r-- 1 santana santana 1261 mai 5 2014 ./proteinas/Rv1161
1329225  a -rw-r--r-- 1 santana santana 1212 mai 5 2014 ./proteinas/Rv1547
1331376  a -rw-r--r-- 1 santana santana 1447 mai 5 2014 ./proteinas/Rv2383c
1330379  a -rw-r--r-- 1 santana santana 1423 mai 5 2014 ./proteinas/Rv0226c
1330236  a -rw-r--r-- 1 santana santana 1121 mai 5 2014 ./proteinas/Rv3793
1330786  a -rw-r--r-- 1 santana santana 1244 mai 5 2014 ./proteinas/Rv0648
1331136  a -rw-r--r-- 1 santana santana 4238 mai 5 2014 ./proteinas/Rv0484c
1329585  a -rw-r--r-- 1 santana santana 1358 mai 5 2014 ./proteinas/Rv2086
1321832  a -rw-r--r-- 1 santana santana 1128 mai 5 2014 ./proteinas/Rv0808c
1330237  a -rw-r--r-- 1 santana santana 1121 mai 5 2014 ./proteinas/Rv3794
1331969  a -rw-r--r-- 1 santana santana 1573 mai 5 2014 ./proteinas/Rv1345c
1332238  a -rw-r--r-- 1 santana santana 1562 mai 5 2014 ./proteinas/Rv0859c
1331372  a -rw-r--r-- 1 santana santana 1495 mai 5 2014 ./proteinas/Rv2379c
1328673  a -rw-r--r-- 1 santana santana 1374 mai 5 2014 ./proteinas/Rv0415c
1331451  a -rw-r--r-- 1 santana santana 1655 mai 5 2014 ./proteinas/Rv2488c
1331367  a -rw-r--r-- 1 santana santana 1875 mai 5 2014 ./proteinas/Rv1229c
1332238  a -rw-r--r-- 1 santana santana 1771 mai 5 2014 ./proteinas/Rv0889c
1331183  a -rw-r--r-- 1 santana santana 1493 mai 5 2014 ./proteinas/Rv1917c
1329811  a -rw-r--r-- 1 santana santana 1817 mai 5 2014 ./proteinas/Rv1161
1330238  a -rw-r--r-- 1 santana santana 1125 mai 5 2014 ./proteinas/Rv3795
1328929  a -rw-r--r-- 1 santana santana 1281 mai 5 2014 ./proteinas/Rv1548c
1330948  a -rw-r--r-- 1 santana santana 1175 mai 5 2014 ./proteinas/Rv1522c
1330330  a -rw-r--r-- 1 santana santana 1669 mai 5 2014 ./proteinas/Rv0187c
1330789  a -rw-r--r-- 1 santana santana 1212 mai 5 2014 ./proteinas/Rv3918
1330838  a -rw-r--r-- 1 santana santana 1167 mai 5 2014 ./proteinas/Rv1211c
1328722  a -rw-r--r-- 1 santana santana 1246 mai 5 2014 ./proteinas/Rv0668
1329725  a -rw-r--r-- 1 santana santana 1196 mai 5 2014 ./proteinas/Rv2598
1330113  a -rw-r--r-- 1 santana santana 1522 mai 5 2014 ./proteinas/Rv1515
1328583  a -rw-r--r-- 1 santana santana 2562 mai 5 2014 ./proteinas/Rv0181
1329227  a -rw-r--r-- 1 santana santana 1887 mai 5 2014 ./proteinas/Rv1531c
1322223  a -rw-r--r-- 1 santana santana 1117 mai 5 2014 ./proteinas/Rv0823c
1328922  a -rw-r--r-- 1 santana santana 1263 mai 5 2014 ./proteinas/Rv0289
1329845  a -rw-r--r-- 1 santana santana 2027 mai 5 2014 ./proteinas/Rv1161
1331965  a -rw-r--r-- 1 santana santana 1119 mai 5 2014 ./proteinas/Rv2379c
1331376  a -rw-r--r-- 1 santana santana 2138 mai 5 2014 ./proteinas/Rv2524c
1330380  a -rw-r--r-- 1 santana santana 1435 mai 5 2014 ./proteinas/Rv1967
1331374  a -rw-r--r-- 1 santana santana 1818 mai 5 2014 ./proteinas/Rv1281c
1328248  a -rw-r--r-- 1 santana santana 2068 mai 5 2014 ./proteinas/Rv047c
1330996  a -rw-r--r-- 1 santana santana 1837 mai 5 2014 ./proteinas/Rv1651c
1329129  a -rw-r--r-- 1 santana santana 1142 mai 5 2014 ./proteinas/Rv1386
1331722  a -rw-r--r-- 1 santana santana 1235 mai 5 2014 ./proteinas/Rv2922c

[santana@kali: ~/Downloads/sample]
$ find ./proteinas -size +1K -type f -exec cat > maiores.fasta {} \;

[santana@kali: ~/Downloads/sample]
$ ls
andromeda.jpg  maiores.fasta  nt02  pin-genome-size.pdf  Poster.pdf  proteinas  sequence.fasta  SOAPdenovo2.pdf

[santana@kali: ~/Downloads/sample]
$ find ./proteinas -size +1K -type f -exec grep AKAP {} \;
AKGLLSGLYLRKVVYDAGAPAPAPAEHMANSVEDVRKALPSPDEAPAPAPPPSPYPARA

[santana@kali: ~/Downloads/sample]
$
```

EX7

```
Kali Linux [Executando] - Oracle VM VirtualBox
Arquivos  Máquinas  Visualizar  Entradas  Dispositivos  Ajuda

santana@kali: ~/Downloads/sample

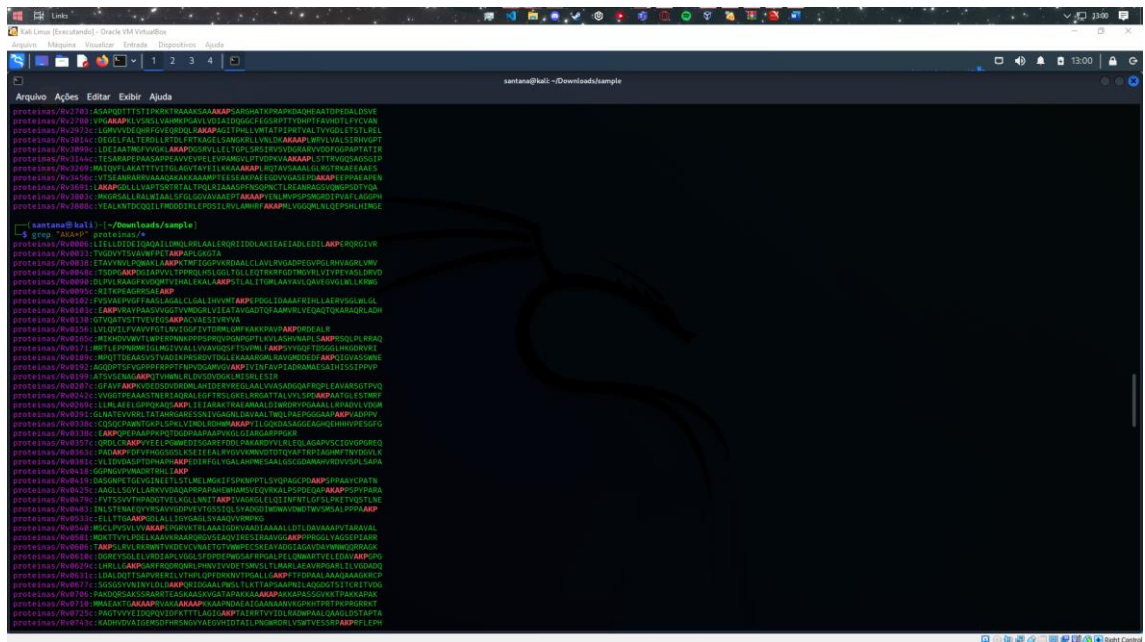
Arquivo  Ações  Editar  Exibir  Ajuda

[santana@kali: ~/Downloads/sample]
$ sed -i 's/ACD/ACD/g' maiores.fasta

[santana@kali: ~/Downloads/sample]
$
```

EX8

[illegible][illegible]



```
Arquivo  Ações  Editar  Exibir  Ajuda

[santana@kali: ~/Downloads/sample]
$ grep -i "proteinas"
grep: proteínas: é um diretório

[santana@kali: ~/Downloads/sample]
$ grep -i "proteinas/*"
proteinas/Rv0001:Rv0001
proteinas/Rv0002:Rv0002
proteinas/Rv0003:Rv0003
proteinas/Rv0004:Rv0004
proteinas/Rv0005:Rv0005
proteinas/Rv0006:Rv0006
proteinas/Rv0007:Rv0007
proteinas/Rv0008:Rv0008c
proteinas/Rv0009:Rv0009
proteinas/Rv0010:Rv0010c
proteinas/Rv0011:Rv0011c
proteinas/Rv0012:Rv0012
proteinas/Rv0013:Rv0013
proteinas/Rv0014:Rv0014c
proteinas/Rv0015:Rv0015c
proteinas/Rv0016:Rv0016c
proteinas/Rv0017:Rv0017c
proteinas/Rv0018:Rv0018c
proteinas/Rv0019:Rv0019c
proteinas/Rv0020:Rv0020c
proteinas/Rv0021:Rv0021c
proteinas/Rv0022:Rv0022c
proteinas/Rv0023:Rv0023
proteinas/Rv0024:Rv0024
proteinas/Rv0025:Rv0025
proteinas/Rv0026:Rv0026
proteinas/Rv0027:Rv0027
proteinas/Rv0028:Rv0028
proteinas/Rv0029:Rv0029
proteinas/Rv0030:Rv0030
proteinas/Rv0031:Rv0031
proteinas/Rv0032:Rv0032
proteinas/Rv0033:Rv0033
proteinas/Rv0034:Rv0034
proteinas/Rv0035:Rv0035
proteinas/Rv0036:Rv0036c
proteinas/Rv0037:Rv0037c
proteinas/Rv0038:Rv0038
proteinas/Rv0039:Rv0039c
proteinas/Rv0040:Rv0040c
proteinas/Rv0041:Rv0041
proteinas/Rv0042:Rv0042c
proteinas/Rv0043:Rv0043c
proteinas/Rv0044:Rv0044c
proteinas/Rv0045:Rv0045c
proteinas/Rv0046:Rv0046c
proteinas/Rv0047:Rv0047c
proteinas/Rv0048:Rv0048c
```

```
Arquivo  Ações  Editar  Exibir  Ajuda

[santana@kali: ~/Downloads/sample]
$ sed -i 's/"/"/g' "proteinas/*"

[santana@kali: ~/Downloads/sample]
$ grep -i "proteinas/*"
proteinas/Rv0001:Rv0001
proteinas/Rv0002:Rv0002
proteinas/Rv0003:Rv0003
proteinas/Rv0004:Rv0004
proteinas/Rv0005:Rv0005
proteinas/Rv0006:Rv0006
proteinas/Rv0007:Rv0007
proteinas/Rv0008:Rv0008c
proteinas/Rv0009:Rv0009
proteinas/Rv0010:Rv0010c
proteinas/Rv0011:Rv0011c
proteinas/Rv0012:Rv0012
proteinas/Rv0013:Rv0013
proteinas/Rv0014:Rv0014c
proteinas/Rv0015:Rv0015c
proteinas/Rv0016:Rv0016c
proteinas/Rv0017:Rv0017c
proteinas/Rv0018:Rv0018c
proteinas/Rv0019:Rv0019c
proteinas/Rv0020:Rv0020c
proteinas/Rv0021:Rv0021c
proteinas/Rv0022:Rv0022c
proteinas/Rv0023:Rv0023
proteinas/Rv0024:Rv0024
proteinas/Rv0025:Rv0025
proteinas/Rv0026:Rv0026
proteinas/Rv0027:Rv0027
proteinas/Rv0028:Rv0028
proteinas/Rv0029:Rv0029
proteinas/Rv0030:Rv0030
proteinas/Rv0031:Rv0031
proteinas/Rv0032:Rv0032
proteinas/Rv0033:Rv0033
proteinas/Rv0034:Rv0034
proteinas/Rv0035:Rv0035
proteinas/Rv0036:Rv0036c
proteinas/Rv0037:Rv0037c
proteinas/Rv0038:Rv0038
proteinas/Rv0039:Rv0039c
proteinas/Rv0040:Rv0040c
proteinas/Rv0041:Rv0041
proteinas/Rv0042:Rv0042c
proteinas/Rv0043:Rv0043c
proteinas/Rv0044:Rv0044c
proteinas/Rv0045:Rv0045c
proteinas/Rv0046:Rv0046c
proteinas/Rv0047:Rv0047c
proteinas/Rv0048:Rv0048c
proteinas/Rv0049:Rv0049
```