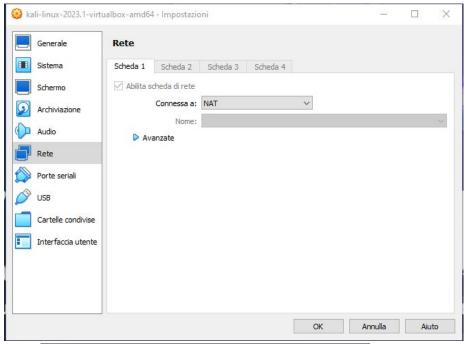
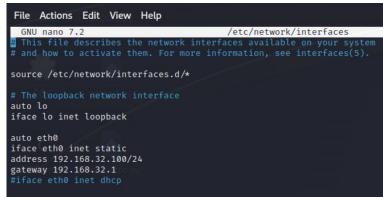
## REPORT (19.05.2023), ANATOLIY PRYSYAZHNYUK

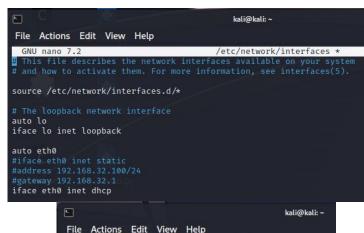
Mi collego ad internet con NAT, nel config del network cambio in DHCP e il restante lo metto come commento;

Riavvio il servizio network con: "sudo service networking restart"



(kali@ kali)-[~]
sudo nano /etc/network/interfaces





sudo service networking restart

## La fase di aggiornamento e di installazione:

```
kali@kali: ~
File Actions Edit View Help
---(kali⊕kali)-[~]
sudo apt-get update
Get:1 http://kali.download/kali kali-rolling InRelease [41.2 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [19.3 MB]
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [44
.7 MB]
Get:4 http://kali.download/kali kali-rolling/non-free amd64 Packages [217
Get:5 http://kali.download/kali kali-rolling/non-free amd64 Contents (deb)
[928 kB]
Fetched 65.1 MB in 11s (6,002 kB/s)
Reading package lists ... Done
   ─$ wget https://github.com/phyver/GameShell/releases/download/latest/gameshell.sh
   --2023-05-19 05:12:26-- https://github.com/phyver/GameShell/releases/download/latest/gam
   Resolving github.com (github.com) ... 140.82.121.3
   Connecting to github.com (github.com) | 140.82.121.3 | :443 ... connected.
   HTTP request sent, awaiting response ... 302 Found
   Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/94
   422621/c076717c-fef6-4ef7-ab6b-4f1303bca5e8?X-Amz-Algorithm=AWS4-HMAC-SHA2566X-Amz-Creden
   tial=AKIAIWNJYAX4CSVEH53A%2F20230519%2Fus-east-1%2Fs3%2Faws4_request6X-Amz-Date=20230519T
   091226Z6X-Amz-Expires=3006X-Amz-Signature=84d0c619c5c2e95d5801e1c9647b57e31a9e57903571f4b
  7ba4f47cd0a9115d1&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=94422621&response-
   content-disposition=attachment%3B%20filename%3Dgameshell.sh&response-content-type=applica
   tion%2Foctet-stream [following]
   --2023-05-19 05:12:26-- https://objects.githubusercontent.com/github-production-release-
   asset-2e65be/94422621/c076717c-fef6-4ef7-ab6b-4f1303bca5e8?X-Amz-Algorithm=AWS4-HMAC-SHA2
   566X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20230519%2Fus-east-1%2Fs3%2Faws4 request6X-Amz
   -Date=20230519T091226Z6X-Amz-Expires=3006X-Amz-Signature=84d0c619c5c2e95d5801e1c9647b57e3
   1a9e57903571f4b7ba4f47cd0a9115d16X-Amz-SignedHeaders=host6actor id=06kev id=06repo id=944
   22621&response-content-disposition=attachment%3B%20filename%3Dgameshell.sh&response-conte
  nt-type=application%2Foctet-stream
   Resolving objects.githubusercontent.com (objects.githubusercontent.com) ... 185.199.108.13
   3, 185.199.110.133, 185.199.111.133, ...
   Connecting to objects.githubusercontent.com (objects.githubusercontent.com) 185.199.108.1
   331:443 ... connected.
   HTTP request sent, awaiting response ... 200 OK
  Length: 202043 (197K) [application/octet-stream]
   Saving to: 'gameshell.sh'
   gameshell.sh
                                   2023-05-19 05:12:26 (8.06 MB/s) - 'gameshell.sh' saved [202043/202043]
```

```
sudo apt install gettext man-db procps psmisc nano tree bsdmainutils x11-apps wget
Reading package lists ... Done
Building dependency tree ... Done
Reading state information ... Done
man-db is already the newest version (2.11.2-2).
procps is already the newest version (2:4.0.2-3).
psmisc is already the newest version (23.6-1).
psmisc set to manually installed.
nano is already the newest version (7.2-1).
tree is already the newest version (2.1.0-1).
tree set to manually installed.
x11-apps is already the newest version (7.7+9).
x11-apps set to manually installed.
wget is already the newest version (1.21.3-1+b2).
The following packages were automatically installed and are no longer required:
  bluez-firmware firmware-ath9k-htc firmware-atheros firmware-brcm80211
  firmware-intel-sound firmware-iwlwifi firmware-libertas firmware-realtek
  firmware-sof-signed firmware-ti-connectivity firmware-zd1211 kali-linux-firmware
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  ncal
Suggested packages:
  calendar vacation mailutils autopoint gettext-doc libasprintf-dev libgettextpo-dev
The following NEW packages will be installed:
  bsdmainutils gettext ncal
0 upgraded, 3 newly installed, 0 to remove and 77 not upgraded.
Need to get 1,326 kB of archives.
After this operation, 6,042 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://kali.download/kali kali-rolling/main amd64 ncal amd64 12.1.8 [19.7 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 bsdmainutils all 12.1.8 [5.952 B]
Get:3 http://kali.download/kali kali-rolling/main amd64 gettext amd64 0.21-12 [1,300 kB]
Fetched 1,326 kB in 1s (1,605 kB/s)
Selecting previously unselected package ncal.
(Reading database ... 402406 files and directories currently installed.)
Preparing to unpack .../archives/ncal_12.1.8_amd64.deb ...
Unpacking ncal (12.1.8) ...
Selecting previously unselected package bsdmainutils.
Preparing to unpack .../bsdmainutils 12.1.8 all.deb ...
Unpacking bsdmainutils (12.1.8) ...
Selecting previously unselected package gettext.
Preparing to unpack .../gettext_0.21-12_amd64.deb ...
Unpacking gettext (0.21-12) ...
Setting up gettext (0.21-12) ...
Setting up ncal (12.1.8) ...
Setting up bsdmainutils (12.1.8) ...
Processing triggers for libc-bin (2.36-9) ...
Processing triggers for man-db (2.11.2-2) ...
Processing triggers for kali-menu (2023.2.3) ...
```

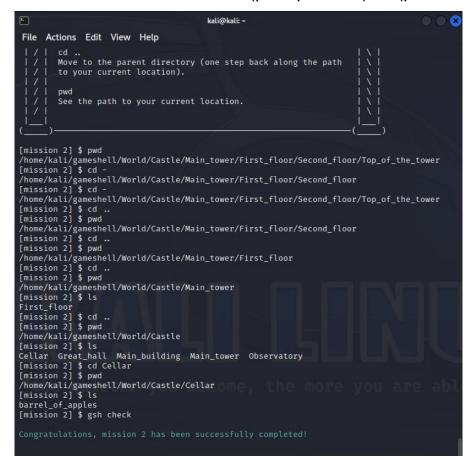
Avvio il programma **gameshell** ed inizio ad eseguire **i vari livelli**:

Nel primo livello ci fanno spostare tra le varie directory, per arrivare alla directory chiamata: Top\_of\_the\_tower



```
kali@kali: ~
File Actions Edit View Help
   The command
   $ gsh help
   displays the list of available (gsh) commands.
[mission 1] $ pwd
/home/kali/gameshell/World
[mission 1] $ ls
Castle Forest Garden Mountain Stall
[mission 1] $ cd Castle
[mission 1] $ pwd
/home/kali/gameshell/World/Castle
[mission 1] $ ls
Cellar Great_hall Main_building Main_tower Observatory
[mission 1] $ cd Main_tower
[mission 1] $ pwd
/home/kali/gameshell/World/Castle/Main tower
[mission 1] $ lc
Command 'lc' not found, but can be installed with:
sudo apt install mono-devel
Do you want to install it? (N/y)N
[mission 1] $ ls
First floor
[mission 1] $ cd First_floor
[mission 1] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor
[mission 1] $ ls
Second floor
[mission 1] $ cd Second_floor
[mission 1] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor
[mission 1] $ ls
Top of the tower
[mission 1] $ cd Top of the tower
[mission 1] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor/Top_of_the_tower
[mission 1] $ gsh check
Congratulations, mission 1 has been successfully completed!
```

Codesti esercizi (1,2,3...) erano fatti per farci praticare gli spostamenti tra le directory: utilizzando il comando cd (per spostarci), ls (per vedere le sottodirectory) e pwd (per vedere dove siamo ora):



```
Use the command
  | $ gsh help
  | to get the list of "gsh" commands.
[mission 3] $ cd
[mission 3] $ cd Castle/Main building/Throne room
[mission 3] $ gsh check
Congratulations, mission 3 has been successfully completed!
                                Well done!!!
                                 From now on, the current location will be shown just
                                 before the command prompt.
```

In questo livello invece dovevamo utilizzare il comando rm per rimuovere dei file chiamati "spider", dato che i file erano molti con accanto vari numeri, ho utilizzato per cancellarli tutti:

```
kali@kali: ~
File Actions Edit View Help
~/Castle/Cellar
[mission 8] $ rm /Cellar/*spider*
realpath: /Cellar/*spider*: cannot access final dirname /Cellar
safe rm: cannot remove '/Cellar/*spider*': it is not part of GameShell
~/Castle/Cellar
[mission 8] $ ^C
~/Castle/Cellar
[mission 8] $ rm /Cellar/10809_spider_9*
realpath: /Cellar/10809 spider 9*: cannot access final dirname /Cellar
safe rm: cannot remove '/Cellar/10809_spider_9*': it is not part of GameShell
~/Castle/Cellar
[mission 8] $ rm /path/Cellar/10809 spider 9*
realpath: /path/Cellar/10809 spider 9*: cannot access final dirname /path/Cellar
safe_rm: cannot remove '/path/Cellar/10809_spider_9*': it is not part of GameShell
~/Castle/Cellar
[mission 8] $ rm /Cellar/10809 spider 9?
realpath: /Cellar/10809_spider_9?: cannot access final dirname /Cellar
safe_rm: cannot remove '/Cellar/10809_spider_9?': it is not part of GameShell
~/Castle/Cellar
[mission 8] $ rm 10809_spider_9?
rm: cannot remove '10809 spider 9?': No such file or directory
~/Castle/Cellar
[mission 8] $ rm * spider *
~/Castle/Cellar
[mission 8] $ ls
10157_bat_4 23080_bat_2 24422_bat_5 32423_bat_3 5677_bat_1 barrel_of_apples
~/Castle/Cellar
[mission 8] $ gsh check
Congratulations, mission 8 has been successfully completed!
```

```
~/Castle/Cellar
[mission 8] $ rm *_spider_*
```

```
File Actions Edit View Help
       The wildcards "*" and "?" don't see hidden files, you need
       to add an explicit dot at the start of the pattern.
~/Castle/Cellar
[mission 9] $ pwd
/home/kali/gameshell/World/Castle/Cellar
~/Castle/Cellar
[mission 9] $ ls -A
10157 bat 4
                .17357 spider 2 .24071 spider 40 .29855 bat 3
                                                                   .6160 spider 19
.11991_spider_30 .18023_spider_38 .24255_bat_2
                                                  24422 bat 5
                                                  .31195_spider_50 .671_spider_45
.12768_spider_47    .18568_spider_15    .25057_spider_17    .314_spider_32
                                                                   .6802 spider 20
.12832_spider_1 .19875_spider_27 .26010_spider_39 .31872_spider_46 .8189_spider_25
.1324_spider_12 .20294_spider_11 .26498_spider_33 32423_bat_3
                                                                   .8729 spider 23
.1345_spider_7 .21257_spider_22 .27132_spider_29 .36_spider_6
                                                                   .8895_spider_8
.13796 bat 1
                .21335 bat 4
                                 .27476 spider 49 .3987 spider 37
                                                                   .9914 spider 28
.13864_spider_41 .21468_spider_34 .27564_spider_48 .4440_spider_16 barrel_of_apples
.14589 spider 24 .22211 spider 18 .28375 spider 31 .488 spider 5
.14606_spider_14 .22369_spider_36 .28789_spider_21 .5085_spider_9
.15927_spider_4 .22821_spider_3 .29224_spider_10 5677_bat_1
.16092_spider_35 23080_bat_2
                                 .29338 spider 26 .6020 spider 43
~/Castle/Cellar
[mission 9] $ rm .*_spider_*
~/Castle/Cellar
[mission 9] $ ls -A
10157_bat_4    .18284_bat_5    23080_bat_2    24422_bat_5    32423_bat_3    barrel_of_apples
.13796_bat_1 .21335_bat_4 .24255_bat_2 .29855_bat_3 5677_bat_1
~/Castle/Cellar
[mission 9] $ gsh check
```

In questo esercizio dovevamo spostare/copiare i coin nella nostra Chest che si trovava nella directory /Forest/Hut/Chest:



```
kali@kali: ~
 File Actions Edit View Help
~/Forest/Hut/Chest
[mission 11] $ cd
[mission 11] $ pwd
/home/kali/gameshell/World
[mission 11] $ cd Castle/Great hall
~/Castle/Great_hall
[mission 11] $ ls
standard_3
23861 tapestry 03 33949 stag head 56381 decorative shield standard 4
26530 tapestry 04 39262 tapestry 01 standard 1
~/Castle/Great hall
[mission 11] $ cp * tapestry * ~/Forest/Hut/Chest
~/Castle/Great hall
[mission 11] $ cd
[mission 11] $ cd Forest
~/Forest
[mission 11] $ cd Hut/Chest
~/Forest/Hut/Chest
[mission 11] $ ls
2205 tapestry 07 31669 tapestry 02 48383 tapestry 09 coin 3
                                                       standard 4
23861_tapestry_03 32363_tapestry_05 50117_tapestry_08 standard_1
24155 tapestry 06 36635 tapestry 10 coin 1
                                             standard 2
standard 3
~/Forest/Hut/Chest
[mission 11] $ gsh check
Congratulations, mission 11 has been successfully completed!
```

Con alias abbiamo creato una scorciatoia per delle sequenze di comandi:

```
kali@kali: ~
 File Actions Edit View Help
        for the command
        ls -A
        and check that it works as expected.
         How fortunate, there is a nice rock hidden just where you
         Useful commands
        alias STRING='COMMAND'
         Create a synonym for a string, that will stand for a
~/Forest/Hut/Chest
[mission 14] $ pwd
/home/kali/gameshell/World/Forest/Hut/Chest
~/Forest/Hut/Chest
[mission 14] $ la
la: command not found
~/Forest/Hut/Chest
[mission 14] $ alias la="ls -A"
~/Forest/Hut/Chest
[mission 14] $ la
.14209_coin_1
                31669_tapestry_02 48383_tapestry_09 coin_3
                                                                 standard 3
standard 4
23861 tapestry_03 36635_tapestry_10 .902_coin_3
                                                painting_NJChRijl
standard 1
26530_tapestry_04 .41625_coin_2
                                                standard 2
                                coin_2
~/Forest/Hut/Chest
[mission 14] $ gsh check
Congratulations, mission 14 has been successfully completed!
```



## Qui utilizziamo mv per spostare i vari file tra le directory:

```
kali@kali: ~
File Actions Edit View Help
           Remark
           The description of the ``find`` command is deliberately
           kept short. You will find more information in the manual.
           (You can for exemple search for the string "-name" in the
~/Garden/Maze
[mission 21] $ find . -iname "gold_coin_*"
./9b92bd7fd61/fece447979508c/6988e163c6d7c343ade4cfd331/GolD_CoiN_2
./580b29ba27ca923ed/78a3e15188bda78bb2b3ff4adf/4217a43721878567c1b6a593/gold coin 1
~/Garden/Maze
[mission 21] $ cd 9b92bd7fd61/fece447979508c/6988e163c6d7c343ade4cfd331/
~/Garden/Maze/9b92bd7fd61/fece447979508c/6988e163c6d7c343ade4cfd331
[mission 21] $ mv GolD_CoiN_2 ~/Forest/Hut/Chest
~/Garden/Maze/9b92bd7fd61/fece447979508c/6988e163c6d7c343ade4cfd331
[mission 21] $ cd ..
~/Garden/Maze/9b92bd7fd61/fece447979508c
[mission 21] $ cd ...
~/Garden/Maze/9b92bd7fd61
[mission 21] $ cd ..
~/Garden/Maze
[mission 21] $ cd 580b29ba27ca923ed/78a3e15188bda78bb2b3ff4adf/4217a43721878567c1b6a593/
~/Garden/Maze/580b29ba27ca923ed/78a3e15188bda78bb2b3ff4adf/4217a43721878567c1b6a593
[mission 21] $ mv gold_coin_1 ~/Forest/Hut/Chest
~/Garden/Maze/580b29ba27ca923ed/78a3e15188bda78bb2b3ff4adf/4217a43721878567c1b6a593
[mission 21] $ gsh check
Congratulations, mission 21 has been successfully completed!
```

```
kali@kali: ~
File Actions Edit View Help
       cat FILE
       Display the contents of the file.
       head FILE
        Print the first 10 lines of the file.
       head -n K FILE
       Print the first K lines of the file.
        Remark
       A "FILE" may contain directories if the file in question is
       not in the current directory.
(0)<del>==</del>)>◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇◇
~/Mountain/Cave/Book_of_potions
[mission 22] $ ls
page_01 page_03 page_05 page_07 page_09 page_11 page_13
page_02 page_04 page_06 page_08 page_10 page_12 table_of_contents
~/Mountain/Cave/Book_of_potions
[mission 22] $ cd -
/home/kali/gameshell/World/Mountain/Cave
~/Mountain/Cave
[mission 22] $ ls
Book_of_potions/ servillus
~/Mountain/Cave
[mission 22] $ head -n 6 Book_of_potions/page_07
Herbal tea
1) Boil water.
2) Add herbs from the forest.
3) Let it sit for five minutes and drink while hot.
~/Mountain/Cave
[mission 22] $ gsh check
Congratulations, mission 22 has been successfully completed!
```

## Con l'utilizzo di cat visualizziamo il contenuto delle page\_01 e altre, richieste dal livello:

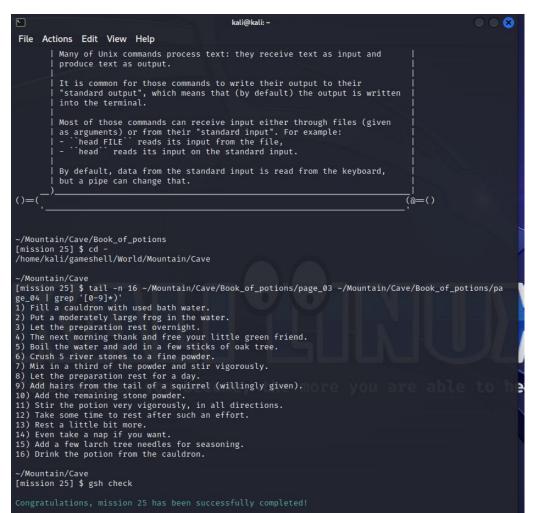




Creiamo un alias chiamato journal, il contenuto dell'alias è una lunga sequenza di codice che ci porta ad aprire un file dentro delle directory:

```
Use the command
  | $ gsh help
  | to get the list of "gsh" commands.
[mission 16] $ pwd
/home/kali/gameshell/World
[mission 16] $ cd Castle/Cellar
~/Castle/Cellar
[mission 16] $ alias journal="nano ~/Forest/Hut/Chest/journal.txt"
~/Castle/Cellar
[mission 16] $ journal
~/Castle/Cellar
[mission 16] $ gsh check
                                 Congratulations!
                                 From now on you can use the file
                                 "~/.gshrc"
                                 to record aliases. More information can be found in
                                 the file (it has been created for you).
                .-!oo @.!-._
     ||:::::.-!()oo a!()a.-' .|
   `>'-.!a%()a'a_%-'_.-o _.|'||
 jgs |├-._'-.@.-'_.-' _.-o |'||
```



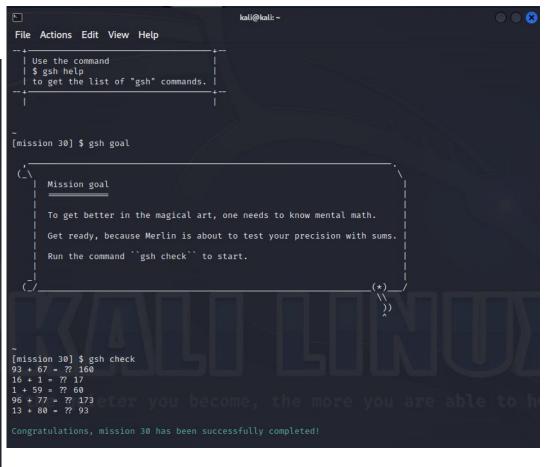


Utilizziamo il tail per visualizzare dalla fine il contenuto del file:

```
File Actions Edit View Help
[mission 27] $ kill 181650
~/Castle
[mission 27] $ ps
   PID TTY
  1840 pts/0
                00:00:01 zsh
  9640 pts/0
 181650 pts/0
               00:00:00 spell
 182453 pts/0 00:00:00 ps
 mission 27] $ ps
   PID TTY
                    TIME CMD
  1840 pts/0
                00:00:01 zsh
  80616 pts/0
 181650 pts/0
                00:00:00 spell
 182862 pts/0
               00:00:00 ps
~/Castle
[mission 27] $ kill 181650
[mission 27] $ kill -9 181650
~/Castle
[mission 27] $ ps
   PID TTY
                    TIME CMD
  1840 pts/0
                00:00:01 zsh
  80616 pts/0
                00:00:13 xeyes
 183143 pts/0 00:00:00 ps
[mission 27] $ gsh check
```

In questo livello dovevamo killare un processo chiamato "spell", prima con kill -s TERM PID, poi forzatamente con kill -s KILL PID:

```
[mission 28] $
                            *#0*
                           8_**/~
                           !$-#
                *#0*
               8 **/~
                !$-#
            *#0*
           8 **/~
            !$-#
                         *#a*
                       8_**/~
                         !$-#
s KILL 2
                                *#@*
                               8 **/~
                                !$-#
09976
           8 **/~
            !$-#
                              *#@*
                             8 **/~
                              !$-#
0809
[mission 28] $ gsh check
Congratulations, mission 28 has been successfully completed!
```



Ho raccolto le informazioni nella libreria, nel file Mathematics\_101, avviando con: gsh check < Mathematics\_101 e compila in automatico:

```
~/Castle/Main_building/Library
[mission 31] $ gc 8624
1608
               cat Mathematics 101
               gsh check < Mathematics 101
98 * 88 = ?? 24 * 67 = ?? 88 * 5 = ?? 69 * 49 = ?? 97 * 52 = ?? 54 * 52 = ?? 44 * 38 = ?? 54 * 73 =
?? 89 * 61 = ?? 1 * 66 = ?? 32 * 66 = ?? 61 * 43 = ?? 94 * 49 = ?? 54 * 60 = ?? 82 * 96 = ?? 42 * 50
= ?? 23 * 75 = ?? 6 * 8 = ?? 89 * 80 = ?? 15 * 73 = ?? 28 * 82 = ?? 5 * 5 = ?? 37 * 75 = ?? 14 * 91
 = ?? 66 * 57 = ?? 51 * 88 = ?? 98 * 54 = ?? 64 * 93 = ?? 86 * 58 = ?? 37 * 8 = ?? 44 * 14 = ?? 15 *
 43 = ?? 31 * 92 = ?? 81 * 24 = ?? 30 * 21 = ?? 37 * 17 = ?? 34 * 48 = ?? 74 * 17 = ?? 78 * 65 = ??
75 * 60 = ?? 82 * 66 = ?? 63 * 56 = ?? 35 * 51 = ?? 74 * 53 = ?? 70 * 78 = ?? 88 * 69 = ?? 25 * 95 =
 ?? 68 * 40 = ?? 27 * 16 = ?? 29 * 48 = ?? 94 * 6 = ?? 30 * 7 = ?? 83 * 8 = ?? 81 * 48 = ?? 74 * 55
= ?? 49 * 94 = ?? 64 * 90 = ?? 17 * 77 = ?? 51 * 59 = ?? 94 * 30 = ?? 82 * 38 = ?? 29 * 55 = ?? 57 *
 35 = ?? 67 * 59 = ?? 22 * 59 = ?? 71 * 78 = ?? 82 * 23 = ?? 90 * 52 = ?? 16 * 44 = ?? 94 * 27 = ??
34 * 65 = ?? 56 * 71 = ?? 2 * 75 = ?? 70 * 62 = ?? 9 * 5 = ?? 63 * 6 = ?? 42 * 77 = ?? 66 * 36 = ??
30 * 37 = ?? 65 * 79 = ?? 99 * 52 = ?? 73 * 64 = ?? 40 * 15 = ?? 33 * 70 = ?? 30 * 62 = ?? 93 * 48 =
 ?? 62 * 79 = ?? 25 * 68 = ?? 36 * 88 = ?? 10 * 95 = ?? 66 * 17 = ?? 18 * 57 = ?? 90 * 55 = ?? 98 *
60 = ?? 39 * 56 = ?? 66 * 11 = ?? 40 * 65 = ?? 23 * 60 = ?? 67 * 42 = ?? 56 * 73 = ??
Congratulations, mission 31 has been successfully completed!
```

```
grimoire 11738 grimoire 1574
                               grimoire 20076
                                              grimoire_27586 grimoire_32509
grimoire_11844 grimoire_1649
                               grimoire_20595 grimoire_28169 grimoire_3553
grimoire_11890 grimoire_16625 grimoire_23655
                                              grimoire_28229 grimoire_4237
               grimoire 17103 grimoire 23698
                                               grimoire 28283
grimoire 1201
grimoire_12375 grimoire_17147
                               grimoire_23726
                                              grimoire_28851 grimoire_477
grimoire 12611 grimoire 1752
                               grimoire 23888 grimoire 28862 grimoire 4937
~/Castle/Main_building/Library
[mission 32] $ cd Merlin s office/
~/Castle/Main_building/Library/Merlin_s_office
[mission 32] $ ls Merlin s office/grimoire * > /Drawer/inventory.txt
bash: /Drawer/inventory.txt: No such file or directory
~/Castle/Main building/Library/Merlin s office
[mission 32] $ ls grimoire_* > /Drawer/inventory.txt
bash: /Drawer/inventory.txt: No such file or directory
~/Castle/Main_building/Library/Merlin_s_office
[mission 32] $ ls grimoire * > Drawer/inventory.txt
~/Castle/Main_building/Library/Merlin_s_office
[mission 32] $ gc
~/Castle/Main building/Library/Merlin s office
[mission 32] $ gsh check
Congratulations, mission 32 has been successfully completed!
```

grimoire 15644 grimoire 20049

kali@kali: ~

grimoire 24953

grimoire 25459

grimoire\_2591

grimoire 25608 grimoire 3032

grimoire\_26072 grimoire\_30933

grimoire\_29930

grimoire 30298

grimoire\_26414 grimoire\_31112 grimoire\_7192

grimoire\_26905 grimoire\_31532 grimoire\_7308

grimoire 27160 grimoire 31780 grimoire 7554

grimoire\_4477

grimoire\_30444 grimoire\_6239

grimoire\_5442

grimoire 5444

grimoire\_6219

grimoire 7135

grimoire\_7575

grimoire\_8022

grimoire\_9614

grimoire\_9806

grimoire\_9894

grimoire 9976

grimoire\_18538

grimoire 19003

grimoire 115

File Actions Edit View Help grimoire\_10062 grimoire\_13479

grimoire 10565 grimoire 13723

grimoire 11035 grimoire 14082 grimoire 19006

grimoire\_11140 grimoire\_14629 grimoire\_19088

grimoire 11361 grimoire 14954 grimoire 19202

grimoire\_11421 grimoire\_15153 grimoire\_19517

grimoire\_11485 grimoire\_15362 grimoire\_19885

```
~/Castle/Main building/Library/Merlin s office
[mission 33] $ grep -l -i gsh grimoire * 2>/dev/null
grimoire_athtkvhjqmAZjeDVayZobldzFnl
grimoire_BHnkmLrkLtyOrCrv
grimoire cFddZWCxS
grimoire_EFsznfKnRIpOjtPs
grimoire eKojTxwaKsfgLuChnhV
grimoire_EuiXHVJKvUOpnjaR
grimoire_fKmDUYnFtuGmNgSYcXDrleUu0
grimoire_giHSdKfLVUbxdM
grimoire IKnlFfvmVpFSb
grimoire_JLDyJToeEtrIE
grimoire jTWVcBLVoxgWu
grimoire_kgUVYbFdkBmkjSCrDKAbq
grimoire kOehXBEZGnLIejU
grimoire_kPepriyZEzwqUHHKtSxdGxUMZPdGMYh
grimoire MAAzSShxdiTvueMvnrLLncwRUE
grimoire_MacZkKZAXDFfjhtKaQUhjNLRZQMrNZr
grimoire PmohLkaXMrytDsowfHzTYMXEHJE
grimoire tlxIsheus
grimoire vdCOBUlxVKVWZHsXKcksvkGjo
grimoire veCurRwSfYeEtcBczSvZRzRc
grimoire_VMUARBOYsmKUQrgabNvwFFKHVEU
grimoire_voxudCRnKtYw
grimoire xQRIpRzUrovYMhsMmR
grimoire_xqWDvsCnUvEwjkU
grimoire_xQXkRsuEotSW
grimoire_yYCztTEnieZpizYisp
~/Castle/Main_building/Library/Merlin_s office
[mission 33] $ gsh check
```

Congratulations, mission 33 has been successfully completed!