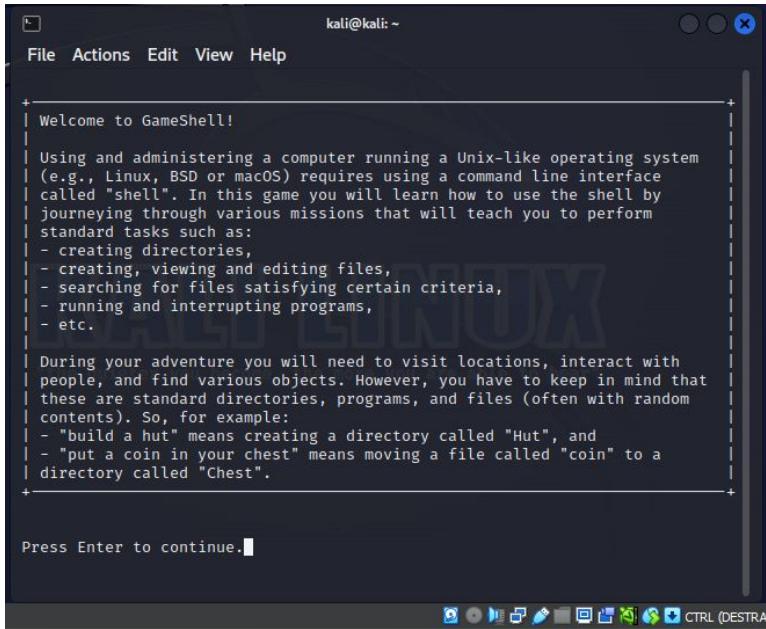
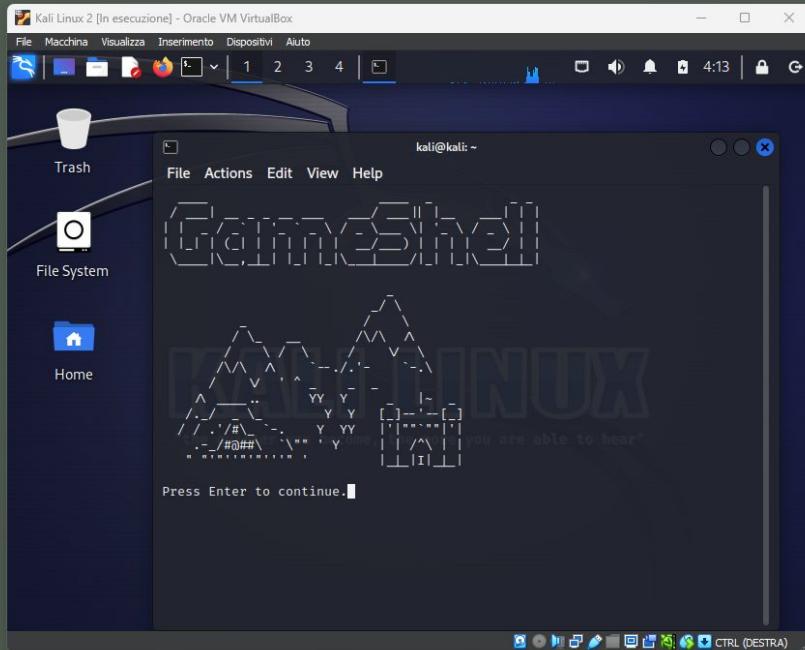

Progetto - Modulo 2

Maurizio Cavazzoni

GameShell



Pronto per iniziare il gioco!



Mission 1

```
kali㉿kali: ~

File Actions Edit View Help

+ Mission goal
  _____
  Go to the top of the main tower of the castle.

  Useful commands
  _____
    cd LOCATION
    Move to the given location.
    Remark: ``cd`` is an abbreviation for "change directory".
    pwd
    Show the path to your current location.
    Remark: ``pwd`` is an abbreviation for "print working directory".
    ls
    Show a list of locations that are currently accessible.
    Remark: ``ls`` is an abbreviation of "list".
    gsh check
    Check if the mission objective has been achieved.

[Press space to continue, q to quit.] █
```

```
kali㉿kali: ~

File Actions Edit View Help

[mission 1] $ cd ..
[mission 1] $ ls
Cellar Great_hall Main_building Main_tower Observatory
[mission 1] $ cd Main_tower
[mission 1] $ ls
First_floor
[mission 1] $ cd First_floor
[mission 1] $ ls
Second_floor
[mission 1] $ cd Second_floor
[mission 1] $ ls
Top_of_the_tower
[mission 1] $ cd Top_of_the_tower
[mission 1] $ gsh check
Congratulations, mission 1 has been successfully completed!

| _____ | |
| Use the command | |
| $ gsh help | |
| to get the list of "gsh" commands. | |
| _____ | |

[mission 2] $ █
```

Mission 2

kali㉿kali:~

File Actions Edit View Help

Mission goal

Go the castle's cellar.

Secondary objective

Understand the difference between `cd -` and `cd ..`.

Useful commands

cd -
Jump back to the location you were in prior to your last move.

cd ..
Move to the parent directory (one step back along the path to your current location).

pwd
See the path to your current location.

[Press space to continue, q to quit.]

kali㉿kali:~

File Actions Edit View Help

```
[mission 2] $ cd -
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor
[mission 2] $ cd -
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor/Top_of_
the_tower
[mission 2] $ cd ..
[mission 2] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory
[mission 2] $ cd Cellar
[mission 2] $ gsh check
```

Congratulations, mission 2 has been successfully completed!

```
|  
+-----+  
| Use the command  
| $ gsh help  
| to get the list of "gsh" commands.  
+-----+  
|
```

[mission 3] \$

Mission 3



```
kali㉿kali: ~
File Actions Edit View Help
+-----+
| Mission goal
| _____
|
| Go back to the starting location and then go to the throne room using
| only two commands.
|
| Remark
| _____
|
| You may experiment with as many commands as you want, but
| to validate the mission the following conditions need to be met:
| - the second to last command takes you to the starting point,
| - the last command takes you directly to the throne room.
|
| "the quieter you become, the more you are able to hear"
|
| Useful commands
| _____
|
| cd
| Move back to the starting location.
|
| cd LOCATION1/LOCATION2/LOCATION3
| Make several moves in one command.
|
| [Press space to continue, q to quit.]
```

```
kali㉿kali: ~
File Actions Edit View Help
Congratulations, mission 3 has been successfully completed!
+-----+
| Well done!!!
|
| From now on, the current location will be shown
| just before the command prompt.
|
| _____
|
| Use the command
| $ gsh help
| to get the list of "gsh" commands.
|
| _____
|
| ~/Castle/Main_building/Throne_room
[mission 4] $
::1          ip6-allnodes    ip6-loopback    localhost
ff02::1      ip6-allrouters  kali
ff02::2      ip6-localhost   kali.kali.com
```

Mission 4

```
kali@kali: ~
File Actions Edit View Help
~/Castle/Main_building/Throne_room
[mission 4] $ 
::1      ip6-allnodes  ip6-loopback  localhost
ff02::1  ip6-allrouters kali
ff02::2  ip6-localhost  kali.kali.com

~/Castle/Main_building/Throne_room
[mission 4] $ gsh goal

+-----+
| Mission goal
| _____
|
| Build a "Hut" in the forest, and then build a "Chest" in the hut.
|
| Useful commands
| _____
|
| mkdir DIRECTORY
| Create a new directory inside the current directory.
| Remark: ``mkdir`` is an abbreviation for "make directory".
+-----+

~/Castle/Main_building/Throne_room
[mission 4] $ 
```

```
kali@kali: ~
File Actions Edit View Help
~/Forest
[mission 4] $ cd Forest
bash: cd: Forest: No such file or directory

~/Forest
[mission 4] $ cd Hut

~/Forest/Hut
[mission 4] $ mkdir Chest

~/Forest/Hut
[mission 4] $ gsh check

Congratulations, mission 4 has been successfully completed!

+-----+
| Use the command
| $ gsh help
| to get the list of "gsh" commands.
+-----+
| you are able to hear

~/Forest/Hut
[mission 5] $ 
```

Mission 5

```
kali㉿kali: ~
File Actions Edit View Help
--+
| |
~/Forest/Hut
[mission 5] $ gsh goal
+-----+
| Mission goal
| |
| Go back to the cellar and get rid of all the spiders. Leave the bats
| alone: they appear on the castle's coat of arms and are said to confer
| luck.
|
| Useful commands
| |
| rm FILE1 FILE2 ... FILEn
| Delete the files (permanently).
| Remark: ``rm`` is an abbreviation for "remove".
+-----+
~/Forest/Hut
[mission 5] $
```

```
kali㉿kali: ~
File Actions Edit View Help
~/Castle
[mission 5] $ cd Cellar
~/Castle/Cellar
[mission 5] $ ls
barrel_of_apples bat_1 bat_2 spider_1 spider_2 spider_3
~/Castle/Cellar
[mission 5] $ rm spider_1 spider_2 spider_3
~/Castle/Cellar
[mission 5] $ gsh check
Congratulations, mission 5 has been successfully completed!
+-----+
| Use the command
| $ gsh help
| to get the list of "gsh" commands.
+-----+
~/Castle/Cellar
[mission 6] $
```

Mission 6

```
kali㉿kali: ~
File Actions Edit View Help
~/Castle/Cellar
[mission 6] $ gsh goal

+-----+
| Mission goal
| =====
| Collect all the coins that you can find in the garden in front of the
| castle, and put them in your chest in your hut in the forest.
|
| Useful commands
| =====
| mv FILE1 FILE2 ... FILEn DIRECTORY
| Move the files to the directory.
| Remark: ``mv'' is an abbreviation of "move".
|
| ~
| The ``~'' symbol is an abbreviation for the initial directory.
| Example: wherever you are, ``~/Tavern'' denotes the directory (or file)
| "Tavern" in the initial directory.
+-----+
~/Castle/Cellar
[mission 6] $
```

```
kali㉿kali: ~
File Actions Edit View Help
~/Garden
[mission 6] $ mv coin_1 coin_2 coin_3 Chest
mv: target 'Chest': No such file or directory

~/Garden
[mission 6] $ mv coin_1 coin_2 coin_3 Garden Forest
mv: target 'Forest': No such file or directory

~/Garden
[mission 6] $ mv coin_1 coin_2 coin_3 ~/Forest/Hut/Chest

~/Garden
[mission 6] $ gsh check

Congratulations, mission 6 has been successfully completed!

+-----+
| Use the command
| $ gsh help
| to get the list of "gsh" commands.
+-----+
~/Garden
[mission 7] $
```

Mission 7

```
kali㉿kali: ~
File Actions Edit View Help
Mission goal
Collect all the coins hidden in the garden in front of the castle, and put them in your chest (in your hut in the forest).

Secondary objective
Learn how to use the "Tab" key to go faster.

Useful commands
ls -A
List all the files of the current directory, including hidden files. (A file is "hidden" when its name starts with a dot.)

Tab
The tabulation key "completes" the name of a file or directory once you have typed the beginning of its name. This only works if there is only one possible completion.

[Press space to continue, q to quit.]
```

```
kali㉿kali: ~
File Actions Edit View Help
[mission 7] $ mv .
./ .. .20525_coin_3 .29575_coin_2 .62546_coin_1
~/Garden
[mission 7] $ mv .
./ .. .20525_coin_3 .29575_coin_2 .62546_coin_1
~/Garden
[mission 7] $ mv .20525_coin_3 .29575_coin_2 .62546_coin_1 ~/Forest/Hut/Chest
~/Garden
[mission 7] $ gsh check
Congratulations, mission 7 has been successfully completed!
Use the command
$ gsh help
to get the list of "gsh" commands.

~/Garden
[mission 8] $
```

Mission 8

```
kali㉿kali: ~
File Actions Edit View Help
+-----+
| Mission goal
| -----
| Get rid of all the spiders that are crawling in the cellar. Again, do
| not do not disturb the bats.
|
| Shell patterns
| -----
| *
| The "*" character stands in for any sequence of characters
| (including an empty sequence).
|
| ?
| The "?" character stands in for any single character.
|
| Those wildcards can be used to denote lists of existing files /
| directories in the current working directory.
|
| For example: if the current folder contains
| file-1 Folder-1 file-14 potato
| then
|   *      → file-1 Folder-1 file-14 potato
| [Press space to continue, q to quit.]
```

```
kali㉿kali: ~
File Actions Edit View Help
rm: cannot remove '*i': No such file or directory
~/Castle/Cellar
[mission 8] $ rm *i
~/Castle/Cellar
[mission 8] $ ls
14570_bat_3  2520_bat_1  9957_bat_5
21612_bat_4  30345_bat_2  barrel_of_apples
~/Castle/Cellar
[mission 8] $ gsh check
Congratulations, mission 8 has been successfully completed!
+-----+
| Use the command
| $ gsh help
| to get the list of "gsh" commands.
+-----+
~/Castle/Cellar
[mission 9] $
```

Mission 9

```
kali㉿kali:~
```

File Actions Edit View Help

+
| Mission goal
| _____

The spiders are getting clever: they found a way to hide.
Get rid of all the spiders that are hiding in the cellar without
disturbing the bats.

Shell patterns

*

The "*" character stands in for any sequence of characters (including an empty sequence).

?

The "?" character stands in for any single character.

Remark

The wildcards "*" and "?" don't see hidden files, you need to add an explicit dot at the start of the pattern.

[Press space to continue, q to quit.]

```
kali㉿kali:~
```

File Actions Edit View Help

[mission 9] \$ gsh check

Congratulations, mission 9 has been successfully completed!

+
| Congratulations !
|
| From now on, the ``ls`` command will
| automatically show a "/" character at the end
| of directories.
|
+
|
| Use the command
| \$ gsh help
| to get the list of "gsh" commands.
|
|
|
~/Castle/Cellar

[mission 10] \$

Mission 10



```
kali㉿kali: ~
File Actions Edit View Help
--+
| |
~/Castle/Cellar
[mission 10] $ gsh goal
+-----+
| Mission goal
| =====
| You have taken a fancy to the four standards in the great hall of the
| castle. As stealing them would not go unnoticed, put a copy (same name,
| same content) of each in your chest.
|
| Useful commands
| =====
| cp FILE DIRNAME
| Copy the file to the directory. more you are able to hear"
| Remark: ``cp`` is an abbreviation of "copy".
+-----+
~/Castle/Cellar
[mission 10] $
```

```
kali㉿kali: ~
File Actions Edit View Help
~/Castle/Great_hall
[mission 10] $ cp standard_1 standard_2 standard_3 standard_4 ~/Forest/Hut/Ches
cp: target '/home/kali/gameshell/World/Forest/Hut/Ches': No such file or directory
~/Castle/Great_hall
[mission 10] $ cp standard_1 standard_2 standard_3 standard_4 ~/Forest/Hut/Ches
~/Castle/Great_hall
[mission 10] $ gsh check
Congratulations, mission 10 has been successfully completed!
+-----+
| Use the command
| $ gsh help
| to get the list of "gsh" commands.
+-----+
~/Castle/Great_hall
[mission 11] $
```

Mission 11

```
kali㉿kali: ~
File Actions Edit View Help

+
Mission goal
=====
The tapestries in the castle's great hall are also particularly
beautiful. Put a copy of each in your chest.

Useful commands
=====
cp FILE1 FILE2 ... FILEn DIRNAME
Copy the files to the directory.
Remark: ``cp`` is an abbreviation of "copy".

Shell patterns
=====
*quieter you become, the more you are able to hear*
The "*" character stands in for any sequence of characters
(including an empty sequence).

?
The "?" character stands in for any single character.

[Press space to continue, q to quit.]
```

Mission 12

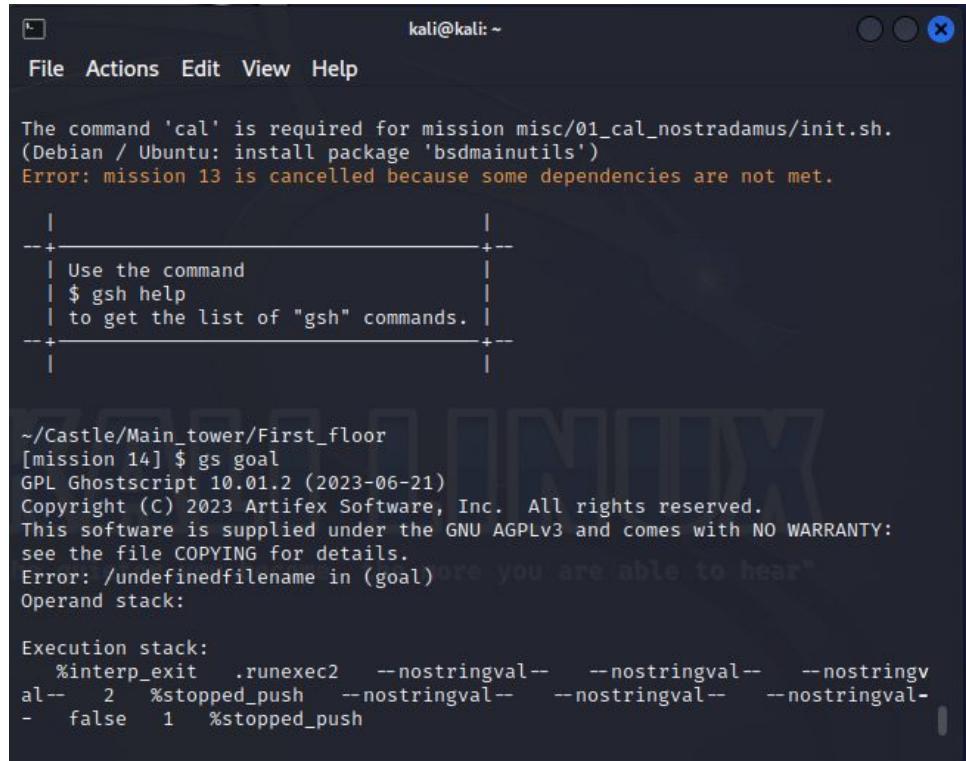
```
kali㉿kali: ~

File Actions Edit View Help

+ _____
| Mission goal
| _____
|
| While wandering around the first floor of the main tower, some
| magnificent paintings catch your eye. Add a copy of the oldest one to
| your chest.
|
|
| Secondary objectives
| _____
|
| Take a moment to admire the sheer beauty of the paintings.
|
|
| Useful commands
| _____
|
| ls -l
| Print the list of files of the current directory, with additional
| information including last modification date.
|
| cat FILE
| Display the contents of the file.
+
[Press space to continue, q to quit.] █
```

Missione 13

La Missione 13 non era
disponibile a causa di un errore



The command 'cal' is required for mission misc/01_cal_nostradamus/init.sh.
(Debian / Ubuntu: install package 'bsdmainutils')
Error: mission 13 is cancelled because some dependencies are not met.

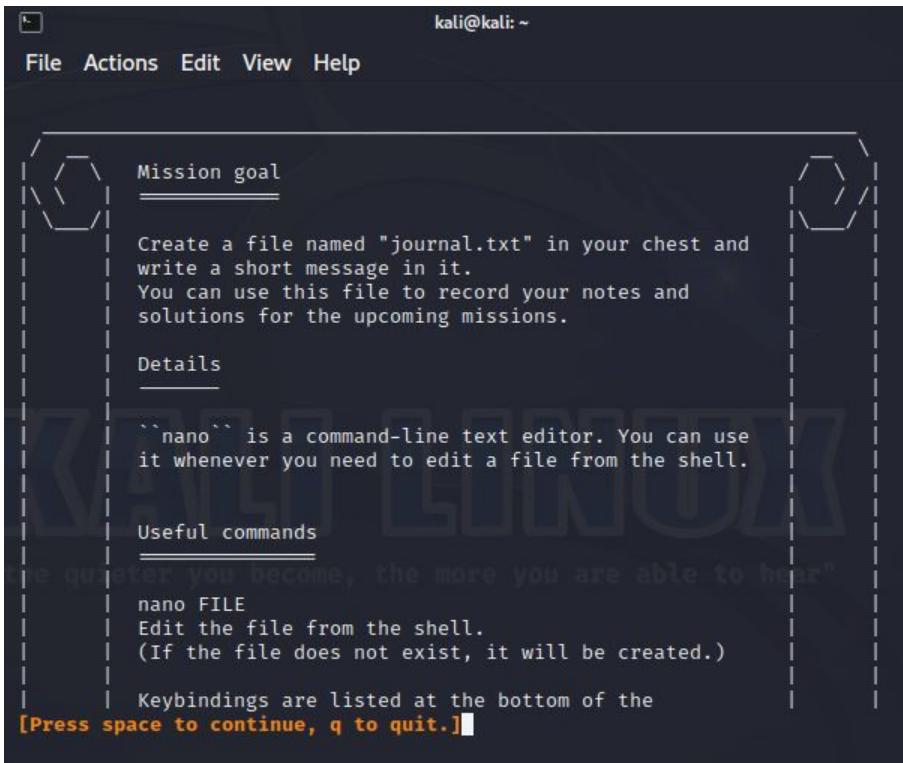
```
|  
+-----+  
| Use the command  
| $ gsh help  
| to get the list of "gsh" commands.  
+-----+  
  
~/Castle/Main_tower/First_floor  
[mission 14] $ gs goal  
GPL Ghostscript 10.01.2 (2023-06-21)  
Copyright (C) 2023 Artifex Software, Inc. All rights reserved.  
This software is supplied under the GNU AGPLv3 and comes with NO WARRANTY:  
see the file COPYING for details.  
Error: /undefinedfilename in (goal)  
Operand stack:  
  
Execution stack:  
%interp_exit .runexec2 --nostringval-- --nostringval-- --nostringval--  
al-- 2 %stopped_push --nostringval-- --nostringval-- --nostringval--  
false 1 %stopped_push
```

Mission 14

```
kali㉿kali: ~
File Actions Edit View Help
[mission 14] $ gsh goal
+-----+
| Mission goal
| _____
|
| Checking for hidden files is taking too long!
|
| Create an alias "la" to run the command ``ls -A`` in order to list all
| files, including hidden ones, with only 2 letters.
|
| Define the synonym
|
| la
|
| for the command
|
| ls -A
|
| and check that it works as expected.
|
| How fortunate, there is a nice rock hidden just where you are.
|
| Useful commands
| _____
```

```
kali㉿kali: ~
File Actions Edit View Help
~/home/kali/gameshell/World/Castle/Main_tower/First_floor
~/Castle/Main_tower/First_floor
[mission 14] $ alias la='ls -A'
~/Castle/Main_tower/First_floor
[mission 14] $ la
.nice_rock    painting_RmHmuqeH  painting_rEKIRKFQ
Second_floor/  painting_gDYqMBqJ
~/Castle/Main_tower/First_floor
[mission 14] $ gsh check
Congratulations, mission 14 has been successfully completed!
+-----+
| Use the command
| $ gsh help
| to get the list of "gsh" commands.
+-----+
~/Castle/Main_tower/First_floor
[mission 15] $
```

Mission 15



```
~/Forest/Hut/Chest
[mission 15] $ nano journal.txt

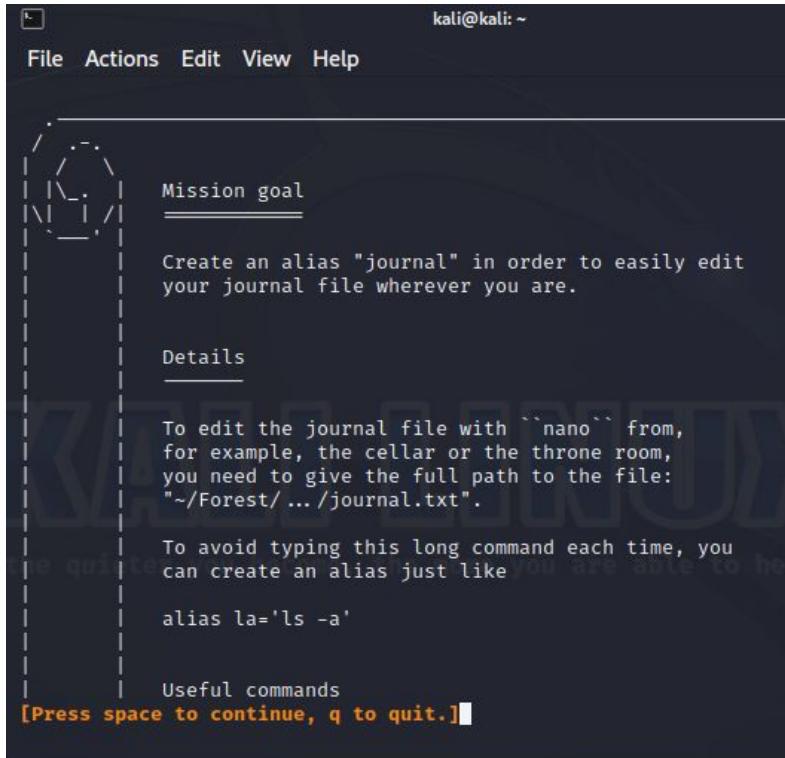
~/Forest/Hut/Chest
[mission 15] $ gsh check

Congratulations, mission 15 has been successfully completed!
```

Use the command
\$ gsh help
to get the list of "gsh" commands.

```
~/Forest/Hut/Chest
[mission 16] $ █
```

Missione 16



La mia partita si ferma alla Missione 16, durante le festività proverò a proseguire con il gioco.