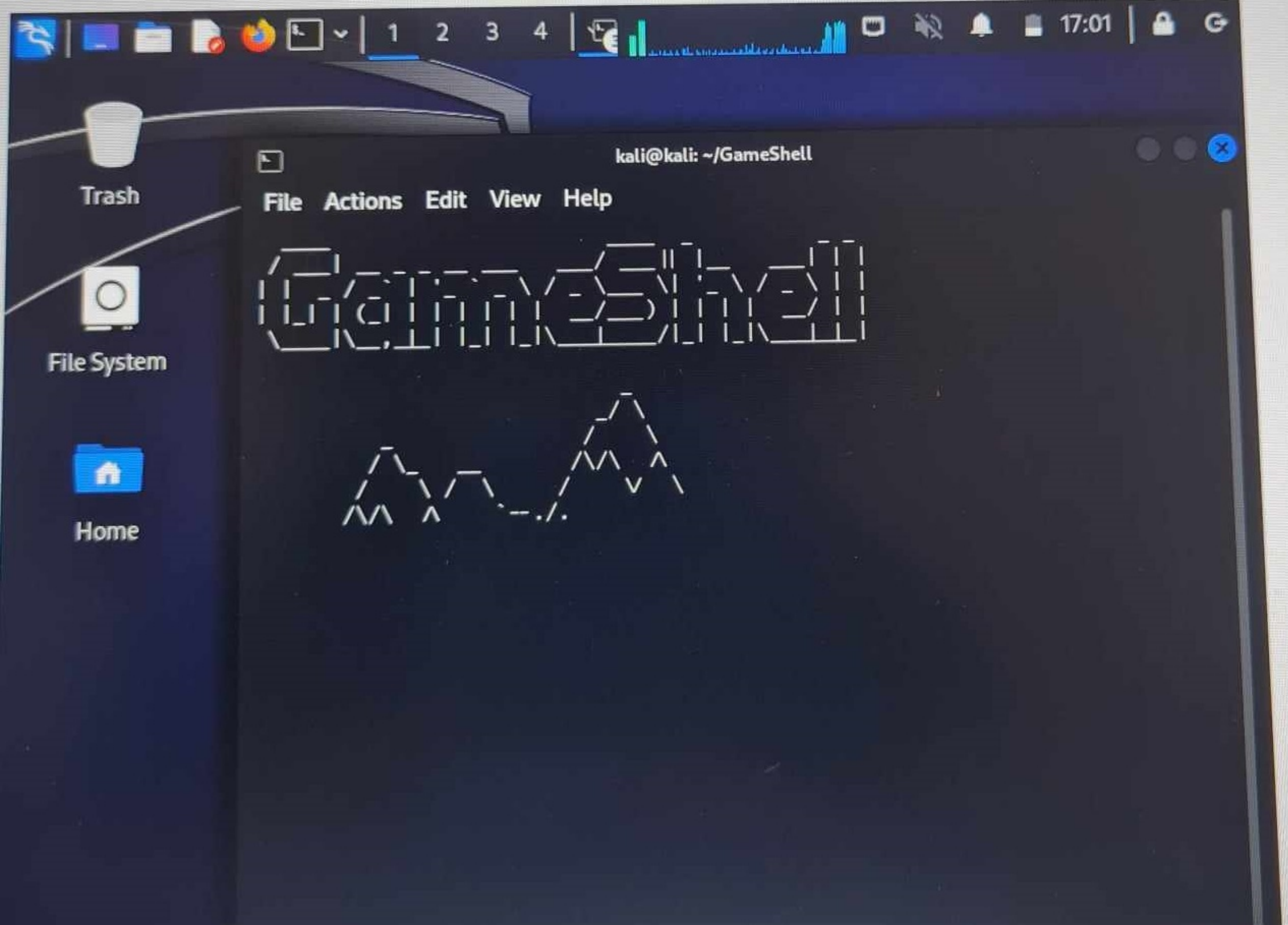

1 2 3 4
17:01
Trash
File System
Home
kali@kali: ~/GameShell
File Actions Edit View Help
GameShell

kali@kali: ~/GameShell

File Actions Edit View Help

```
Run the command
$ gsh goal
to discover your first mission.

You can check the mission has been completed
with
$ gsh check

The command
$ gsh help
displays the list of available (gsh) commands.
```

```
[mission 1] $ gsh goal
```

kali@kali: ~/GameShell

File Actions Edit View Help

```
[mission 1] $ pwd
/home/kali/GameShell/World
[mission 1] $ ls
Castle  Forest  Garden  Mountain  Stall
[mission 1] $ cd castle
cd: no such file or directory: castle
[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] $ ls
First_floor
[mission 1] $ cd First_floor
[mission 1] $ pd
zsh: command not found: pd
[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] $
```

kali@kali: ~/GameShell

File Actions Edit View Help

```
Castle  Forest  Garden  Mountain  Stall
[mission 1] $ cd castle
cd: no such file or directory: castle
[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] $ ls
First_floor
[mission 1] $ cd First_floor
[mission 1] $ pd
zsh: command not found: pd
[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] $
```

kali@kali: ~/GameShell

File Actions Edit View Help

```
[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_
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] $
```

kali@kali: ~/GameShell

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: ~/GameShell

File Actions Edit View Help

```
/home/kali/GameShell/World/Castle/Main_tower/First_floor/Second_
the_tower
[mission 2] $ cd -
~/Castle/Main_tower/First_floor/Second_floor
[mission 2] $ cd -
~/Castle/Main_tower/First_floor/Second_floor/Top_of_the_tower
[mission 2] $ cd -
~/Castle/Main_tower/First_floor/Second_floor
[mission 2] $ cd -
~/Castle/Main_tower/First_floor/Second_floor/Top_of_the_tower
[mission 2] $ cd -
~/Castle/Main_tower/First_floor/Second_floor
[mission 2] $ cd ..
[mission 2] $ pwd
/home/kali/GameShell/World/Castle/Main_tower/First_floor
[mission 2] $ cd ..
[mission 2] $ pwd
/home/kali/GameShell/World/Castle/Main_tower
[mission 2] $ cd ..
[mission 2] $ pwd
/home/kali/GameShell/World/Castle
[mission 2] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory
[mission 2] $ cd Cellar
[mission 2] $ pwd
/home/kali/GameShell/World/Castle/Cellar
[mission 2] $
```

kali@kali: ~/GameShell

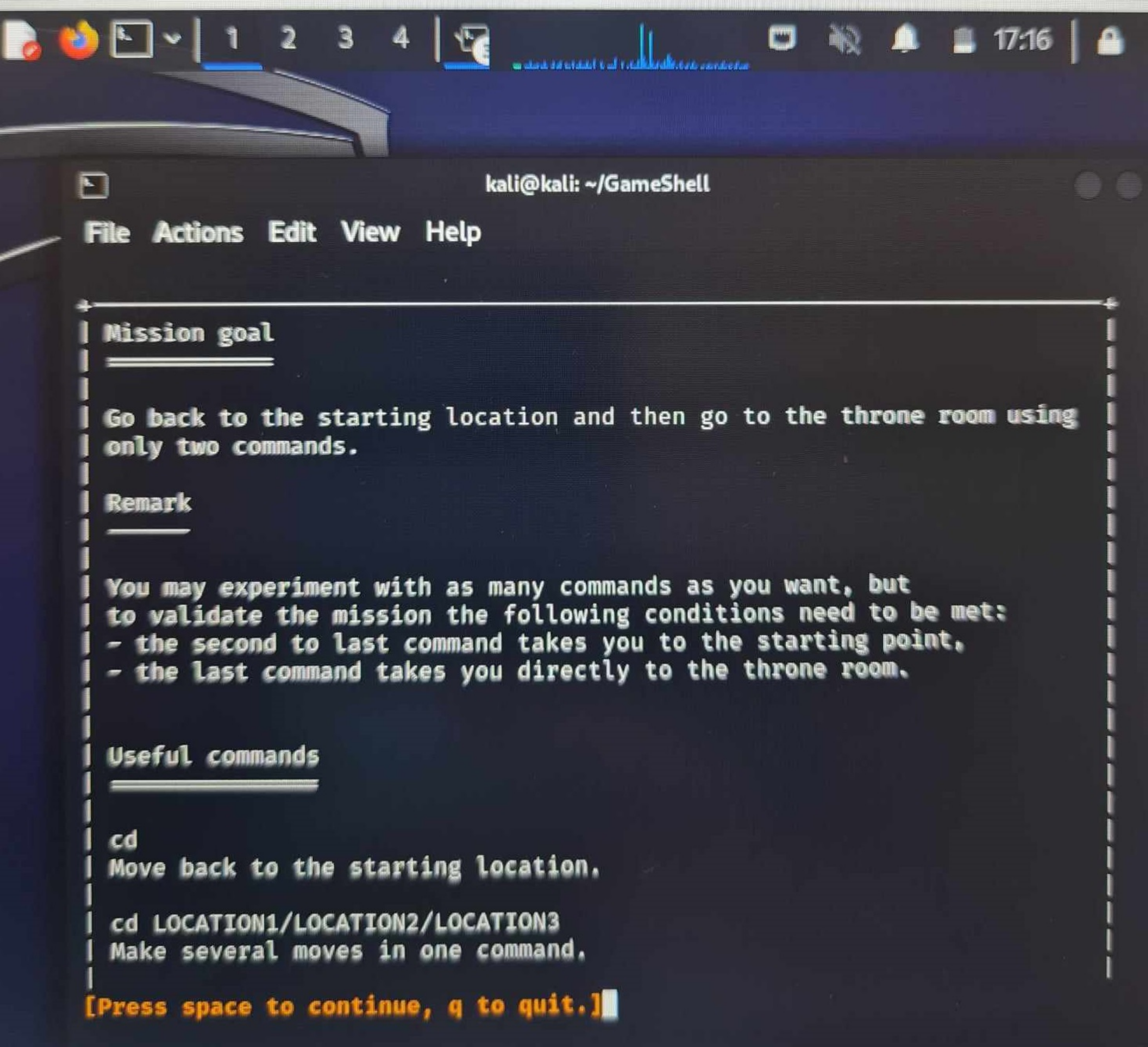
File Actions Edit View Help

```
[mission 2] $ pwd
/home/kali/GameShell/World/Castle/Main_tower
[mission 2] $ cd ..
[mission 2] $ pwd
/home/kali/GameShell/World/Castle
[mission 2] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory
[mission 2] $ cd Cellar
[mission 2] $ pwd
/home/kali/GameShell/World/Castle/Cellar
[mission 2] $ gsh ceck
Error: unknown gsh command 'ceck'.
Use one of the following commands:  check, goal, help, reset
[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] $
```


1 2 3 4
17:16
kali@kali: ~/GameShell
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.
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.]

1 2 3 4 17:23

kali@kali: ~/GameShell

File Actions Edit View Help

```
[mission 3] $ pwd
/home/kali/GameShell/World/Castle/Cellar
[mission 3] $ cd ..
[mission 3] $ pwd
/home/kali/GameShell/World/Castle
[mission 3] $ cd ..
[mission 3] $ pwd
/home/kali/GameShell/World
[mission 3] $ ls
Castle  Forest  Garden  Mountain  Stall
[mission 3] $ cd Castle
[mission 3] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory
[mission 3] $ cd MAin_building
cd: no such file or directory: MAin_building
[mission 3] $ cd Main_building
[mission 3] $ ls
Library  Throne_room
[mission 3] $ cd ..
[mission 3] $ cd ..
[mission 3] $ pwd
/home/kali/GameShell/World
[mission 3] $ cd Castle/Main_building/Throne_room
[mission 3] $ pwd
/home/kali/GameShell/World/Castle/Main_building/Throne_room
[mission 3] $
```

kali@kali: ~/GameShell

File Actions Edit View Help

```
cd: no such file or directory: home/kali/GameShell/World
[mission 3] $ cd ..
[mission 3] $ cd ..
[mission 3] $ cd ..
[mission 3] $ pwd
/home/kali/GameShell/World
[mission 3] $ cd -
~/Castle
[mission 3] $ pwd
/home/kali/GameShell/World/Castle
[mission 3] $ cd Main_building/Throne_room
[mission 3] $ pwd
/home/kali/GameShell/World/Castle/Main_building/Throne_room
[mission 3] $ gsh check

Sorry, mission 3 hasn't been completed.


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

[mission 3] $
```

1 2 3 4 17:33

kali@kali: ~/GameShell

File Actions Edit View Help

```
[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.                           |
+-----------------------------------------------------------+


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

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

kali@kali: ~/GameShell

File Actions Edit View Help

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


~/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: ~/GameShell

File Actions Edit View Help

```
[mission 4] $ pwd
/home/kali/GameShell/World/Forest/hut

~/Forest/hut
[mission 4] $ mkdir chest

~/Forest/hut
[mission 4] $ ls
chest

~/Forest/hut
[mission 4] $ pwd
/home/kali/GameShell/World/Forest/hut

~/Forest/hut
[mission 4] $ cd hest
cd: no such file or directory: hest

~/Forest/hut
[mission 4] $ cd chest

~/Forest/hut/chest
[mission 4] $ pwd
/home/kali/GameShell/World/Forest/hut/chest

~/Forest/hut/chest
[mission 4] $
```

kali@kali: ~/GameShell

File Actions Edit View Help

```
~/Forest
[mission 4] $ ls -hl
total 0

~/Forest
[mission 4] $ mkdir Hut

~/Forest
[mission 4] $ cd Hut

~/Forest/Hut
[mission 4] $ pwd
/home/kali/GameShell/World/Forest/Hut

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

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

~/Forest/Hut/Chest
[mission 4] $ pwd
/home/kali/GameShell/World/Forest/Hut/Chest

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

kali@kali: ~/GameShell

File Actions Edit View Help

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

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

~/Forest/Hut/Chest
[mission 4] $ pwd
/home/kali/GameShell/World/Forest/Hut/Chest

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

Congratulations, mission 4 has been successfully completed!

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

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

1 2 3 4 17:42

kali@kali: ~/GameShell

File Actions Edit View Help

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

kali@kali: ~/GameShell

File Actions Edit View Help

```
[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] $ ls
barrel_of_apples  bat_1  bat_2

~/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] $
```

kali@kali: ~/GameShell

File Actions Edit View Help

```
~/Garden
[mission 6] $ pwd
/home/kali/GameShell/World/Garden

~/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] $
```

1 2 3 4

kali@kali: ~/GameShell

File Actions Edit View Help

```
~/Garden
[mission 7] $ pwd
/home/kali/GameShell/World/Garden

~/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] $
```

Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4

e Actions Edit View Help

kali@kali: ~/GameShell

```
 ?
 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
     *1    ⟶  file-1 Folder-1
     *o*   ⟶  Folder-1 potato
     x*    ⟶  error, no matching file
     *-?   ⟶  file-1 Folder-1
     *-??  ⟶  file-14
```

```
mission 8] $ cd ~/home/kali/GameShell/World/Garden
d: no such file or directory: /home/kali/GameShell/World/home/kali/GameShell/World/Garden

mission 8] $ pwd
home/kali/GameShell/World

mission 8] $ ls
astle  Forest  Garden  Mountain  Stall

[mission 8] $ cd Castle

~/Castle
[mission 8] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory

~/Castle
[mission 8] $ cd Cellar

~/Castle/Cellar
[mission 8] $ ls -A
10630_spider_45  11565_spider_24  13847_spider_1   15906_bat_3      16278_spider_13  19448_bat_2      21466_spider_33  24516_spider_4   29227_spider_15  30582_spider_17  520_bat_4        6816_spider_37  7730_spider_2   8661_spider_50
10689_spider_38  12213_spider_46  13885_spider_36  16037_spider_18  1880_spider_20   19537_spider_11  22654_spider_42  25187_spider_41  29754_spider_23  31351_spider_19  52_spider_10     6903_spider_7   8164_spider_31  9115_spider_22
10822_spider_30  12218_spider_21  14996_spider_39  16085_spider_27  18906_spider_16  21253_spider_6   23610_spider_12  25913_spider_32  30483_spider_8   4810_spider_3    6087_spider_34  7443_spider_9   8413_bat_5      9769_spider_25
10918_spider_40  12805_spider_49  15555_spider_14  16249_spider_48  19105_bat_1      21276_spider_29  24189_spider_43  27127_spider_35  30551_spider_28  5179_spider_47   6097_spider_5   7668_spider_44  8509_spider_26  barrel_of_appl

~/Castle/Cellar
[mission 8] $
```

KALI LINUX
"the quieter you become, the more you are able to hear"

kali-linux-2023.1-virtualbox-amd64 [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4

File Actions Edit View Help

kali@kali: ~/GameShell

```
~/Castle/Cellar
[mission 8] $ ls -A
10689_spider_38  12218_spider_21  15555_spider_14  16249_spider_48  19448_bat_2      22654_spider_42  25913_spider_32  30551_spider_28  520_bat_4       6903_spider_7   8413_bat_5      barrel_of_apples
10822_spider_30  12805_spider_49  15906_bat_3      1880_spider_20   19537_spider_11  23610_spider_12  27127_spider_35  31351_spider_19  52_spider_10    7443_spider_9   8509_spider_26
10918_spider_40  13885_spider_36  16037_spider_18  18906_spider_16  21253_spider_6   24189_spider_43  29754_spider_23  4810_spider_3    6087_spider_34  7668_spider_44  9115_spider_22
12213_spider_46  14996_spider_39  16085_spider_27  19105_bat_1      21276_spider_29  25187_spider_41  30483_spider_8   5179_spider_47   6097_spider_5   8164_spider_31  9769_spider_25

~/Castle/Cellar
[mission 8] $ rm -v *_spider_*
removed '10689_spider_38'
removed '10822_spider_30'
removed '10918_spider_40'
removed '12213_spider_46'
removed '12218_spider_21'
removed '12805_spider_49'
removed '13885_spider_36'
removed '14996_spider_39'
removed '15555_spider_14'
removed '16037_spider_18'
removed '16085_spider_27'
removed '16249_spider_48'
removed '1880_spider_20'
removed '18906_spider_16'
removed '19537_spider_11'
removed '21253_spider_6'
removed '21276_spider_29'
removed '22654_spider_42'
removed '23610_spider_12'
removed '24189_spider_43'
removed '25187_spider_41'
removed '25913_spider_32'
removed '27127_spider_35'
removed '29754_spider_23'
removed '30483_spider_8'
removed '30551_spider_28'
removed '31351_spider_19'
removed '4810_spider_3'
removed '5179_spider_47'
removed '52_spider_10'
removed '6087_spider_34'
removed '6097_spider_5'
removed '6903_spider_7'
removed '7443_spider_9'
removed '7668_spider_44'
removed '8164_spider_31'
removed '8509_spider_26'
removed '9115_spider_22'
removed '9769_spider_25'

~/Castle/Cellar
[mission 8] $ ls -A
15906_bat_3  19105_bat_1  19448_bat_2  520_bat_4  8413_bat_5  barrel_of_apples
```

KALI LINUX

"the quieter you become, the more you are able to hear"

File Actions Edit View Help

```
removed '24189_spider_43'
removed '25187_spider_41'
removed '25913_spider_32'
removed '27127_spider_35'
removed '29754_spider_23'
removed '30483_spider_8'
removed '30551_spider_28'
removed '31351_spider_19'
removed '4810_spider_3'
removed '5179_spider_47'
removed '52_spider_10'
removed '6087_spider_34'
removed '6097_spider_5'
removed '6903_spider_7'
removed '7443_spider_9'
removed '7668_spider_44'
removed '8164_spider_31'
removed '8509_spider_26'
removed '9115_spider_22'
removed '9769_spider_25'

~/Castle/Cellar
[mission 8] $ ls -A
15906_bat_3  19105_bat_1  19448_bat_2  520_bat_4  8413_bat_5  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] $
```

File Macchina Visualizza Inserimento Dispositivi

1 2 3 4

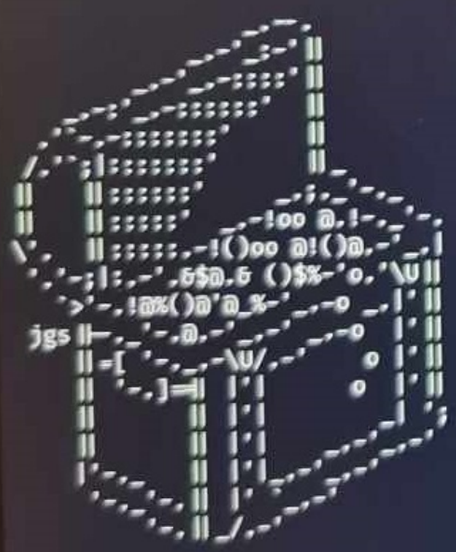
kali@kali: ~/GameShell

File Actions Edit View Help

```
removed '.5167_spider_11'
removed '.522_spider_15'
removed '.5698_spider_50'
removed '.6395_spider_3'
removed '.6705_spider_47'
removed '.6934_spider_8'
removed '.7031_spider_5'
removed '.7288_spider_31'
removed '.7921_spider_42'
removed '.8477_spider_22'
removed '.9371_spider_23'
removed '.9854_spider_27'

~/Castle/Cellar
[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.
```

KALI LIN
"the quieter you become, the more you are

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

~/Castle/Cellar
[mission 10] $
```

```
andard_1' → '/home/kali/GameShell/World/home/kali/GameShell/World/Forest/Hut/Chest'
 cannot create regular file '/home/kali/GameShell/World/home/kali/GameShell/World/Forest/Hut/Chest': No s

astle/Great_hall
ssion 10] $ pwd
me/kali/GameShell/World/Castle/Great_hall

Castle/Great_hall
ssion 10] $ ls -l
tal 28
w-r--r-- 1 kali kali 1123 Jul 20 18:29 23851_suit_of_armour
w-r--r-- 1 kali kali  229 Jul 20 18:29 36837_stag_head
w-r--r-- 1 kali kali  417 Jul 20 18:29 62512_decorative_shield
w-r--r-- 1 kali kali   47 Jul 20 18:29 standard_1
w-r--r-- 1 kali kali   47 Jul 20 18:29 standard_2
w-r--r-- 1 kali kali   47 Jul 20 18:29 standard_3
w-r--r-- 1 kali kali   47 Jul 20 18:29 standard_4

Castle/Great_hall
mission 10] $ cp -v standard_* ^[[200~/home/kali/GameShell/World/Forest/Hut/Chest
sh: bad pattern: ^[[200~/home/kali/GameShell/World/Forest/Hut/Chest

/Castle/Great_hall
mission 10] $ ~
sh: permission denied: /home/kali/GameShell/World

/Castle/Great_hall
mission 10] $ cp -v standard_* ~/Forest/Hut/Chest
'standard_1' → '/home/kali/GameShell/World/Forest/Hut/Chest/standard_1'
'standard_2' → '/home/kali/GameShell/World/Forest/Hut/Chest/standard_2'
'standard_3' → '/home/kali/GameShell/World/Forest/Hut/Chest/standard_3'
'standard_4' → '/home/kali/GameShell/World/Forest/Hut/Chest/standard_4'

~/Castle/Great_hall
[mission 10] $
```

```
[mission 10] $ ls -l
total 28
-rw-r--r-- 1 kali kali 1123 Jul 20 18:29 23851_suit_of_armour
-rw-r--r-- 1 kali kali  229 Jul 20 18:29 36837_stag_head
-rw-r--r-- 1 kali kali  417 Jul 20 18:29 62512_decorative_shield
-rw-r--r-- 1 kali kali   47 Jul 20 18:29 standard_1
-rw-r--r-- 1 kali kali   47 Jul 20 18:29 standard_2
-rw-r--r-- 1 kali kali   47 Jul 20 18:29 standard_3
-rw-r--r-- 1 kali kali   47 Jul 20 18:29 standard_4

~/Castle/Great_hall
[mission 10] $ cp -v standard_* ^[[200~/home/kali/GameShell/World/Fo
zsh: bad pattern: ^[[200~/home/kali/GameShell/World/Forest/Hut/Chest

~/Castle/Great_hall
[mission 10] $ ~
zsh: permission denied: /home/kali/GameShell/World

~/Castle/Great_hall
[mission 10] $ cp -v standard_* ~/Forest/Hut/Chest
'standard_1' → '/home/kali/GameShell/World/Forest/Hut/Chest/standard_1'
'standard_2' → '/home/kali/GameShell/World/Forest/Hut/Chest/standard_2'
'standard_3' → '/home/kali/GameShell/World/Forest/Hut/Chest/standard_3'
'standard_4' → '/home/kali/GameShell/World/Forest/Hut/Chest/standard_4'

~/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] $
```

Cerca

```
/Castle/Great_hall
mission 11] $ pwd
home/kali/GameShell/World/Castle/Great_hall

~/Castle/Great_hall
[mission 11] $ ls -l
total 68
-rw-r--r-- 1 kali kali 1123 Jul 20 18:41 11648_suit_of_armour
-rw-r--r-- 1 kali kali  573 Jul 20 18:41 12608_tapestry_09
-rw-r--r-- 1 kali kali 1214 Jul 20 18:41 24899_tapestry_08
-rw-r--r-- 1 kali kali 1214 Jul 20 18:41 26368_tapestry_06
-rw-r--r-- 1 kali kali 1214 Jul 20 18:41 265_tapestry_01
-rw-r--r-- 1 kali kali  574 Jul 20 18:41 27662_tapestry_07
-rw-r--r-- 1 kali kali 3877 Jul 20 18:41 39120_tapestry_04
-rw-r--r-- 1 kali kali  786 Jul 20 18:41 46232_tapestry_10
-rw-r--r-- 1 kali kali  417 Jul 20 18:41 49016_decorative_shield
-rw-r--r-- 1 kali kali  574 Jul 20 18:41 50140_tapestry_05
-rw-r--r-- 1 kali kali  229 Jul 20 18:41 53103_stag_head
-rw-r--r-- 1 kali kali 1214 Jul 20 18:41 55920_tapestry_02
-rw-r--r-- 1 kali kali 1214 Jul 20 18:41 7185_tapestry_03
-rw-r--r-- 1 kali kali   47 Jul 20 18:29 standard_1
-rw-r--r-- 1 kali kali   47 Jul 20 18:29 standard_2
-rw-r--r-- 1 kali kali   47 Jul 20 18:29 standard_3
-rw-r--r-- 1 kali kali   47 Jul 20 18:29 standard_4

~/Castle/Great_hall
[mission 11] $ cp 12608_tapestry_09 24899_tapestry_08 26368_tapestry_06 265_tap
cp: warning: source file '46232_tapestry_10' specified more than once

~/Castle/Great_hall
[mission 11] $ cp 12608_tapestry_09 24899_tapestry_08 26368_tapestry_06 265_tape

~/Castle/Great_hall
[mission 11] $ gsh check

Congratulations, mission 11 has been successfully completed!

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

~/Castle/Great_hall
[mission 12] $
```

Cerca

```
painting_yhUSowVR  Se
~/Castle/Main_tower/First_floor
[mission 12] $ ls-l
zsh: command not found: ls-l

~/Castle/Main_tower/First_floor
[mission 12] $ ls
painting_AvycgHpA  painting_JzTvHHQB  painting_yhUSowVR  Second_

~/Castle/Main_tower/First_floor
[mission 12] $ ls-l
zsh: command not found: ls-l

~/Castle/Main_tower/First_floor
[mission 12] $ ls-hl
zsh: command not found: ls-hl

~/Castle/Main_tower/First_floor
[mission 12] $ ls -l
total 16
-rw-r--r-- 1 kali kali 1455 Aug 26  1981 painting_AvycgHpA
-rw-r--r-- 1 kali kali 1055 Sep 13  2001 painting_JzTvHHQB
-rw-r--r-- 1 kali kali 1503 Sep 15  2018 painting_yhUSowVR
drwxr-xr-x 3 kali kali 4096 Jul 20 17:00 Second_floor/

~/Castle/Main_tower/First_floor
[mission 12] $ cp painting_AvycgHpA ~/Forest/Hut/Chest

~/Castle/Main_tower/First_floor
[mission 12] $ gsh check

Congratulations, mission 12 has been successfully completed!

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] $
```

Cerca

and check that it works as expected.

How fortunate, there is a nice rock hidden just where you are.

Useful commands

alias STRING='COMMAND'
Create a synonym for a string, that will stand for a command.

```
~/Castle/Main_tower/First_floor
[mission 14] $ alias la='ls -A'

~/Castle/Main_tower/First_floor
[mission 14] $ ls
painting_AvycgHpA  painting_JzTvHHQB  painting_yhUSowVR  Second_floor/

~/Castle/Main_tower/First_floor
[mission 14] $ ls -A
.nice_rock  painting_AvycgHpA  painting_JzTvHHQB  painting_yhUSowVR  Second_floor/

~/Castle/Main_tower/First_floor
[mission 14] $ la
.nice_rock  painting_AvycgHpA  painting_JzTvHHQB  painting_yhUSowVR  Second_floor/

~/Castle/Main_tower/First_floor
[mission 14] $
```

Cerca

```
ain_tower/First_floor
14] $ alias la='ls -A'

Main_tower/First_floor
14] $ ls
_AvycgHpA  painting_JzTvHHQB  painting_yhUSowVR  Second_floor

/Main_tower/First_floor
14] $ ls -A
ock  painting_AvycgHpA  painting_JzTvHHQB  painting_yhUSowVR  Se

e/Main_tower/First_floor
n 14] $ la
rock  painting_AvycgHpA  painting_JzTvHHQB  painting_yhUSowVR  Sec

le/Main_tower/First_floor
on 14] $ gsh check

atulations, mission 14 has been successfully completed!

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

/Castle/Main_tower/First_floor
nission 15] $
```

Cerca

```
tle/Main_tower
ion 15] $ cd ..

tle
sion 15] $ ls
ar/  Great_hall/  Main_building/  Main_tower/  Observatory/

stle
ssion 15] $ cd ..


ssion 15] $ ls
tle/  Forest/  Garden/  Mountain/  Stall/


ission 15] $ cd Forest

/Forest
mission 15] $ cd Hut

/Forest/Hut
mission 15] $ cd Chest

~/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] $
```

Cerca

kali-linux-2023.1-virtualbox-amd64 [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4

File Actions Edit View Help

kali@kali: ~/

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

```
~
[mission 16] $ alias journal='nano ~/Forest/Hut/Chest/journal.txt'

~
[mission 16] $ gsh check

Congratulations, mission 16 has been successfully completed!
```

```
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 fo
```

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

mission 17] $
```

File Actions Edit View Help

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

~/Castle/Cellar
[mission 17] $ la
.11354_bat_2  15906_bat_3  19105_bat_1  19448_bat_2  .29899_bat_5  .32058_bat_1  .32723_bat_3  520_bat_4  .7224_

~/Castle/Cellar
[mission 17] $ cdzLOWVnsgNPimcUaw_spider_queen_qQatSItZNUgUsirH

zsh: command not found: cdzLOWVnsgNPimcUaw_spider_queen_qQatSItZNUgUsirH

~/Castle/Cellar
[mission 17] $ cd .Lair_of_the_spider_queen TUOKAYzQkYmUxnnj TpaOMOuGEJBMobBi/

cd: string not in pwd: .Lair_of_the_spider_queen

~/Castle/Cellar
[mission 17] $ Lair_of_the_spider_queen TUOKAYzQkYmUxnnj TpaOMOuGEJBMobBi

~/Castle/Cellar/.Lair_of_the_spider_queen CPxhXiOZrOSNpVoX xaHACeEsMBRXayBy
[mission 17] $ la
HXbxsRuOkffjFFmZ_baby_bat_pQtSQIDGdqnqRQyt  pOuqtjQAJtECdVzj_spider_queen_lmRrqMkXSqBObkjM

~/Castle/Cellar/.Lair_of_the_spider_queen CPxhXiOZrOSNpVoX xaHACeEsMBRXayBy
[mission 17] $ rm pOuqtjQAJtECdVzj_spider_queen_lmRrqMkXSqBObkjM

~/Castle/Cellar/.Lair_of_the_spider_queen CPxhXiOZrOSNpVoX xaHACeEsMBRXayBy
[mission 17] $ gsh check
Perfect, it took you only 19 seconds to complete this mission!

Congratulations, mission 17 has been successfully completed!

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

~/Castle/Cellar/.Lair_of_the_spider_queen CPxhXiOZrOSNpVoX xaHACeEsMBRXayBy
[mission 18] $
```

kali-linux-2023.1-virtualbox-amd64 [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3

kali@kali: ~/GameShell

File Actions Edit View Help

```
[mission 18] $
[1]  + done       xeyes

~
[mission 18] $ gc
gsh chek
Error: <stdin>: syntax error in line 1 near 'gsh'
gsh check
^C

~
[mission 18] $ gsh check
There is no 'xeyes' process running.

Sorry, mission 18 hasn't been completed.

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

~
[mission 18] $ xeyes
xeyes &

^C

~
[mission 18] $ xeyes &
[1] 81307

~
[mission 18] $ gsh check

Congratulations, mission 18 has been successfully completed!

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

~
[mission 19] $
```

KALI LIN

"the quieter you become, the more you a

Cerca

File Actions Edit View Help

```
~/Garden/Maze/e6b6d1e9f6f47f8
[mission 19] $ cd 7eda39e29e1aae9f

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f
[mission 19] $ ls
043f99b8f/  c4b5bbce66d/

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f
[mission 19] $ cd 043f99b8f

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f/043f99b8f
[mission 19] $ ls

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f/043f99b8f
[mission 19] $ cd ..

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f
[mission 19] $ ls
043f99b8f/  c4b5bbce66d/

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f
[mission 19] $  cd c4b5bbce66d

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f/c4b5bbce66d
[mission 19] $ ls

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f/c4b5bbce66d
[mission 19] $ cd ..

~/Garden/Maze/e6b6d1e9f6f47f8/7eda39e29e1aae9f
[mission 19] $ cd ..

~/Garden/Maze/e6b6d1e9f6f47f8
[mission 19] $ ls
7eda39e29e1aae9f/  c997cb503444c1fd0cf59880ce54c4c/

~/Garden/Maze/e6b6d1e9f6f47f8
[mission 19] $ cd c997cb503444c1fd0cf59880ce54c4c

~/Garden/Maze/e6b6d1e9f6f47f8/c997cb503444c1fd0cf59880ce54c4c
[mission 19] $ ls
881df6798d49ff72034c/  972fe58e020598/

~/Garden/Maze/e6b6d1e9f6f47f8/c997cb503444c1fd0cf59880ce54c4c
[mission 19] $ cd 881df6798d49ff72034c

~/Garden/Maze/e6b6d1e9f6f47f8/c997cb503444c1fd0cf59880ce54c4c/881df6798d49ff72034c
[mission 19] $ ls
OOOOO_copper_coin_OOOOO

~/Garden/Maze/e6b6d1e9f6f47f8/c997cb503444c1fd0cf59880ce54c4c/881df6798d49ff72034c
[mission 19] $
```

KA

"the quieter you

kali-linux-2023.1-virtualbox-amd64 [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

File Actions Edit View Help

kali@kali: ~/GameShell

```
881df6798d49ff72034c/  972fe58e020598/

~/Garden/Maze/e6b6d1e9f6f47f8/c997cb503444c1fd0cf59880ce54c4c
[mission 19] $ cd 881df6798d49ff72034c

~/Garden/Maze/e6b6d1e9f6f47f8/c997cb503444c1fd0cf59880ce54c4c/881df6798d49ff72034c
[mission 19] $ ls
OOOOO_copper_coin_OOOOO

~/Garden/Maze/e6b6d1e9f6f47f8/c997cb503444c1fd0cf59880ce54c4c/881df6798d49ff72034c
[mission 19] $ mv OOOOO_copper_coin_OOOOO ~/Forest/Hut/Chest

~/Garden/Maze/e6b6d1e9f6f47f8/c997cb503444c1fd0cf59880ce54c4c/881df6798d49ff72034c
[mission 19] $ gsh check

Congratulations, mission 19 has been successfully completed!
```

```
Congratulations!

From now on, the command ``ls`` will try using a color code to make it easier to different
```

```
You are back at the entrance of the maze...

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

~/Garden/Maze
[mission 20] $
```

```
[mission 20] $ cd 2b69635303a65a

~/Garden/Maze/e6c51113085a2f811/5ac7ee429d1a/2b69635303a65a
[mission 20] $ ld
ld: no input files

~/Garden/Maze/e6c51113085a2f811/5ac7ee429d1a/2b69635303a65a
[mission 20] $ ls
OOOOO_silver_coin_OOOOO

~/Garden/Maze/e6c51113085a2f811/5ac7ee429d1a/2b69635303a65a
[mission 20] $ mv OOOOO_silver_coin_OOOOO ~/Chest

~/Garden/Maze/e6c51113085a2f811/5ac7ee429d1a/2b69635303a65a
[mission 20] $ gsh check
There is no silver coin in your chest!

Sorry, mission 20 hasn't been completed.

You are back at the entrance of the maze ...

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

~/Garden/Maze
[mission 20] $ pwd
/home/kali/GameShell/World/Garden/Maze

~/Garden/Maze
[mission 20] $ cd ..

~/Garden
[mission 20] $ ls
Flower_garden/  Maze/  Shed/

~/Garden
[mission 20] $ cd ..

~
[mission 20] $ ls
Castle/  Chest  Forest/  Garden/  Mountain/  Stall/

~
[mission 20] $
```

KA
"the quieter

Cerca

```
│   │   │   └── bf44a8cd7777a
│   │   ├── 6e144305b9667d
│   │   │   ├── 1e071373e99621202a
│   │   │   ├── 2529f11c6222f0f5a
│   │   │   └── f708cd20d3057675f94470aefc04c
│   │   └── b8cba0b8c6c200210e6fcadf60bca
│   │       ├── 47fb8899852e770e21
│   │       ├── 686919f72ef203
│   │       └── e8018e6c60dd286d6da8f7b
└── f94019a0f00a844f1
    ├── 697c4ba57012269ffefca2325908d93
    │   ├── 076a2ea2f7e7
    │   ├── 929c7cba77285e1cffc3e6e75e346
    │   └── b4c543f39091a
    ├── e0f5f1585d2dd3a9498999
    │   ├── b8f861a03afa56
    │   ├── b92943b1543cc
    │   └── c50da235cce318f959e01213a193763
    └── fb9961a03e7cb6
        ├── 4382de4d07366943b2f7dde72a
        │   └── 00000_silver_coin_00000
        ├── c1b672b1d48a91b0
        └── d6088c46596064e2ab608bfad7d3c9c

40 directories, 1 file

~/Garden/Maze
[mission 20] $ mv -v */*/*/*silver* ~/Forest/Hut/Chest
renamed 'f94019a0f00a844f1/fb9961a03e7cb6/4382de4d07366943b2f7dde72a/00000_silver_coin_00000' -> '/home/kali/GameShell/World/Forest/Hut/Chest/00000_silver_coin_00000'

~/Garden/Maze
[mission 20] $ gsh check

Congratulations, mission 20 has been successfully completed!


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


~/Garden/Maze
[mission 21] $
```

KALI LINUX
"the quieter you become, the

Cerca
ASUS

```
    Space        scroll down one page
/ STRING search for the string
    n            find the next occurrence of the
search string

Remark
------

The description of the ``find`` command is deliberately kept short. You will find more information in the manual. (You can for exemple search f
```

```
~/Garden/Maze
[mission 21] $ find . -type f -iname *gold*
./c48690a8666c638378e9210a25307/2cf03b7d16ecfc37fd683e/d896bb78d7ec9e3c807d9f89002514/GolD_CoiN_2
./b3c08376f1a55/920939b72/deb62e6f9c2e/gold_coin_1

~/Garden/Maze
[mission 21] $ mv -v */*/*/*lD* ~/Forest/Hut/Chest
renamed 'c48690a8666c638378e9210a25307/2cf03b7d16ecfc37fd683e/d896bb78d7ec9e3c807d9f89002514/GolD_CoiN_2' → '/home/kali/GameShell/World/Forest/Hut/C

~/Garden/Maze
[mission 21] $ mv -v */*/*/*ld* ~/Forest/Hut/Chest
renamed 'b3c08376f1a55/920939b72/deb62e6f9c2e/gold_coin_1' → '/home/kali/GameShell/World/Forest/Hut/Chest/gold_coin_1'

~/Garden/Maze
[mission 21] $ gsh check

Congratulations, mission 21 has been successfully completed!


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

~/Garden/Maze
[mission 22] $
```

KALI LINUX
"the quieter you become, the more you are

Cerca

File Actions Edit View Help

```
head: cannot open 'page_07' for reading: No such file or directory

~/Mountain/Cave
[mission 22] $ gsh check
head: cannot open 'page_07' for reading: No such file or directory
Your previous command does not give the expected result...

Sorry, mission 22 hasn't been completed.

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

~/Mountain/Cave
[mission 22] $ pwd
/home/kali/GameShell/World/Mountain/Cave

~/Mountain/Cave
[mission 22] $ ls
Book_of_potions/  servillus

~/Mountain/Cave
[mission 22] $ head -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!

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

~/Mountain/Cave
[mission 23] $
```

Cerca

```
5) Mix in a few deadly webcaps (Cortinarius rubellus).
6) Feel free to add in any colourful fungi you have on hand.
7) Let half of the water evaporate.
8) Season with a pinch of salt and a few herbs.
9) Serve hot in a bowl.

~/Mountain/Cave
[mission 23] $ gsh check
Your previous command does not give the expected result...

Sorry, mission 23 hasn't been completed.


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


~/Mountain/Cave
[mission 23] $ tail -9 Book_of_potions/page_12
1) Boil water in a cauldron.
2) Add in a few death caps (Amanita phalloides).
3) Also add a few fly agarics (Amanita muscaria).
4) And some destroying angels (Amanita virosa).
5) Mix in a few deadly webcaps (Cortinarius rubellus).
6) Feel free to add in any colourful fungi you have on hand.
7) Let half of the water evaporate.
8) Season with a pinch of salt and a few herbs.
9) Serve hot in a bowl.

~/Mountain/Cave
[mission 23] $ gsh check

Congratulations, mission 23 has been successfully completed!


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


~/Mountain/Cave
[mission 24] $
```

File Actions Edit View Help

```
13) Heat for 20 seconds at a high temperature.
14) Wave your wand then let potion brew for 24 hours.
15) Add 1 additional scoop of lacewings to the cauldron.
16) Stir 3 times, counter-clockwise.
17) Split potion into multiple doses, if desired.
18) Add a pieces of the person you wish to become.
19) Wave your wand to complete the potion.

~/Mountain/Cave/Book_of_potions
[mission 24] $ cd ..

~/Mountain/Cave
[mission 24] $ cat Book_of_potions/page_01 Book_of_potions/page_02
Transformation potion
---------------------

1) Boil water in a cauldron.
2) Add 3 measures of fluxweed to the cauldron.
3) Add 2 bundles of knotgrass to the cauldron.
4) Stir 4 times, clockwise.
5) Wave your wand then let potion brew for 80 minutes.
6) Add 4 leeches to the cauldron.
7) Crush 2 scoops of lacewing flies to a fine paste.
8) Add 2 measures of the crushed lacewings to the cauldron.
9) Heat for 30 seconds on a low heat.
10) Add 3 measures of boomslang skin to the cauldron.
11) Crush a bicorn horn into a fine powder.
12) Add 1 measure of the crushed horn to the cauldron.
13) Heat for 20 seconds at a high temperature.
14) Wave your wand then let potion brew for 24 hours.
15) Add 1 additional scoop of lacewings to the cauldron.
16) Stir 3 times, counter-clockwise.
17) Split potion into multiple doses, if desired.
18) Add a pieces of the person you wish to become.
19) Wave your wand to complete the potion.

~/Mountain/Cave
[mission 24] $ gsh check

Congratulations, mission 24 has been successfully completed!

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

~/Mountain/Cave
[mission 25] $
```

Cerca

File Actions Edit View Help

```
 | / |
 | / |   Explanations
 | / |   ==============
 | / |
 | / |   Many of Unix commands process text: they receive text as input and prod
 | / |
 | / |   It is common for those commands to write their output to their "standar
 | / |
 | / |   Most of those commands can receive input either through files (given as
 | / |   - ``head FILE`` reads its input from the file,
 | / |   - ``head`` reads its input on the standard input.
 | / |
 | / |   By default, data from the standard input is read from the keyboard, but
 |___|
(_____)
```

```
~/Mountain/Cave
[mission 25] $ cat Book_of_potions/page_03 Book_of_potions/page_04 | tail -16
1) Fill a cauldron with used bath water.
2) Put a moderately large frog in the water.
3) Let the preparation rest overnight.
4) The next morning thank and free your little green friend.
5) Boil the water and add in a few sticks of oak tree.
6) Crush 5 river stones to a fine powder.
7) Mix in a third of the powder and stir vigorously.
8) Let the preparation rest for a day.
9) Add hairs from the tail of a squirrel (willingly given).
10) Add the remaining stone powder.
11) Stir the potion very vigorously, in all directions.
12) Take some time to rest after such an effort.
13) Rest a little bit more.
14) Even take a nap if you want.
15) Add a few larch tree needles for seasoning.
16) Drink the potion from the cauldron.

~/Mountain/Cave
[mission 25] $ gsh check

Congratulations, mission 25 has been successfully completed!

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

~/Mountain/Cave
[mission 26] $
```

File Macchina Visualizza Inserimento Dispositivi Aiuto

File Actions Edit View Help

```
12. King's ale ———————————————————————————— Page 13

~/Mountain/Cave
[mission 26] $ cat Book_of_potions/page_13
Distilled water
———————————————

1) Boil water in a big pot.
2) Condense the vapor in a fresh container.
3) Add minerals for a better taste (optional).

King's ale
——————————

1) Go to the castle's cellar and grab a bottle.
2) Serve cold, in a pint.

~/Mountain/Cave
[mission 26] $ heah -6 Book_of_potions/page_13
zsh: command not found: heah

~/Mountain/Cave
[mission 26] $ head -6 Book_of_potions/page_13
Distilled water
———————————————

1) Boil water in a big pot.
2) Condense the vapor in a fresh container.
3) Add minerals for a better taste (optional).

~/Mountain/Cave
[mission 26] $ head -6 Book_of_potions/page_13 | tail -3
1) Boil water in a big pot.
2) Condense the vapor in a fresh container.
3) Add minerals for a better taste (optional).

~/Mountain/Cave
[mission 26] $ gsh check

Congratulations, mission 26 has been successfully completed!

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

~/Mountain/Cave
[mission 27] $
```

File Actions Edit View Help

```
   *#@*
  &_**/~
   !$-#

                          *#@*
                         &_**/~
                          !$-#
kill
      *#@*
     &_**/~
      !$-#

 kill
                          *#@*
                         &_**/~
                          !$-#

231883
kill: illegal pid: kill

~/Mountain/Cave
[mission 27] $ kill 231883
kill: kill 231883 failed: no such process

~/Mountain/Cave
[mission 27] $ ps
    PID TTY          TIME CMD
  77138 pts/1    00:00:00 zsh
  77330 pts/1    00:00:05 zsh
 148689 pts/1    00:00:00 less
 234773 pts/1    00:00:00 ps

~/Mountain/Cave
[mission 27] $ gsh check

Congratulations, mission 27 has been successfully completed!


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


~/Mountain/Cave
[mission 28] $
```

kali-linux-2023.1-virtualbox-amd64 [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

File Actions Edit View Help

```
[mission 28] $ kill -s KILL
                *#@*
               &_**/~
                !$-#

  *#@*
 &_**/~
  !$-#

245173

      *#@*
     &_**/~
      !$-#

245173

                *#@*
               &_**/~
                !$-#

          *#@*
         &_**/~
          !$-#

                *#@*
               &_**/~
                !$-#

245560
~/Mountain/Cave
[mission 28] $ GSH CHECK
zsh: command not found: GSH

~/Mountain/Cave
[mission 28] $ gsh check

Congratulations, mission 28 has been successfully completed!

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

~/Mountain/Cave
[mission 29] $
```

Cerca

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3

File Actions Edit View Help

```
removed '30108_coal'
removed '3505_coal'
removed '37662_coal'
removed '38608_coal'
removed '38932_coal'
removed '40443_coal'
removed '40470_coal'
removed '40557_coal'
removed '40621_coal'
removed '41465_coal'
removed '49258_coal'
removed '49451_coal'
removed '49628_coal'
removed '512_coal'
removed '51396_coal'
removed '52798_coal'
removed '53722_coal'
removed '54107_coal'
removed '54141_coal'
removed '55557_coal'
removed '55937_coal'
removed '55952_coal'
removed '56233_coal'
removed '56653_coal'
removed '5808_coal'
removed '58448_coal'
removed '61005_coal'
removed '64142_coal'
removed '6421_coal'
removed '64418_coal'
removed '65100_coal'
removed '862_coal'
removed '8638_coal'
removed '8838_coal'

~/Castle/Cellar
[mission 29] $ gsh check

Congratulations, mission 29 has been successfully completed!

Killed

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

~/Castle/Cellar
[mission 30] $
```

File Actions Edit View Help

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

~/Castle/Cellar
[mission 30] $ gsh goal

(0)==)>
  )  Mission goal
  )  ============
  )  To get better in the magical art, one needs to know mental math.
  )  Get ready, because Merlin is about to test your precision with sums.
  )  Run the command ``gsh check`` to start.
(0)==)>

~/Castle/Cellar
[mission 30] $ gsh check
66 + 9 = ?? 75
89 + 37 = ?? 126
38 + 71 = ?? 109
84 + 54 = ?? 138
78 + 87 = ?? 165

Congratulations, mission 30 has been successfully completed!

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

~/Castle/Cellar
[mission 31] $
```

kali-linux-2023.1-virtualbox-amd64 [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

File Actions Edit View Help

kali@kali: ~/GameShell

```
~
[mission 31] $ PWD
zsh: command not found: PWD

~
[mission 31] $ pwd
/home/kali/GameShell/World

~
[mission 31] $ cd Castle

~/Castle
[mission 31] $ cd Library
cd: no such file or directory: Library

~/Castle
[mission 31] $ cd Main_building

~/Castle/Main_building
[mission 31] $ cd Library

~/Castle/Main_building/Library
[mission 31] $ ls -hl
total 12K
-rw-r--r-- 1 kali kali  448 Jul 21 12:07 Greek_Latin_and_other_modern_languages
-rw-r--r-- 1 kali kali  463 Jul 21 12:07 Mathematics_101
drwxr-xr-x 3 kali kali 4.0K Jul 20 17:01 Merlin_s_office/

~/Castle/Main_building/Library
[mission 31] $ gsh check < Mathematics_101
30 * 34 = ?? 16 * 97 = ?? 91 * 72 = ?? 24 * 10 = ?? 47 * 15 = ?? 92 * 75 = ?? 47 * 63 = ?? 52 * 76 = ?? 35 * 10 = ?? 14 * 64 = ?? 6 * 95 = ?? 86 * 95 = ?? 78 * 30 = ?? 99 * 15 = ?? 18 * 80 = ?? 4 * 88 = ?? 66 * 24 = ?? 12 * 26 = ?? 44
* 38 = ?? 7 * 13 = ?? 14 * 47 = ?? 28 * 68 = ?? 85 * 90 = ?? 99 * 34 = ?? 9 * 67 = ?? 85 * 81 = ?? 80 * 100 = ?? 62 * 94 = ?? 13 * 3 = ?? 32 * 59 = ?? 85 * 84 = ?? 96 * 98 = ?? 75 * 29 = ?? 26 * 68 = ?? 41 * 77 = ?? 61 * 47 = ?? 32 * 6
4 = ?? 44 * 35 = ?? 54 * 37 = ?? 41 * 32 = ?? 53 * 62 = ?? 89 * 89 = ?? 91 * 24 = ?? 31 * 34 = ?? 60 * 29 = ?? 55 * 2 = ?? 31 * 100 = ?? 21 * 58 = ?? 33 * 40 = ?? 36 * 2 = ?? 70 * 26 = ?? 20 * 15 = ?? 64 * 31 = ?? 34 * 24 = ?? 58 * 95
= ?? 63 * 34 = ?? 82 * 1 = ?? 96 * 32 = ?? 71 * 55 = ?? 5 * 35 = ?? 52 * 64 = ?? 52 * 37 = ?? 1 * 2 = ?? 29 * 72 = ?? 19 * 26 = ?? 55 * 8 = ?? 45 * 37 = ?? 66 * 24 = ?? 36 * 50 = ?? 25 * 19 = ?? 38 * 5 = ?? 51 * 17 = ?? 41 * 35 = ?? 95
* 21 = ?? 100 * 60 = ?? 7 * 2 = ?? 15 * 73 = ?? 62 * 57 = ?? 54 * 72 = ?? 53 * 18 = ?? 35 * 70 = ?? 11 * 82 = ?? 80 * 100 = ?? 82 * 41 = ?? 35 * 91 = ?? 74 * 39 = ?? 60 * 95 = ?? 56 * 41 = ?? 8 * 34 = ?? 18 * 18 = ?? 96 * 66 = ?? 92 *
78 = ?? 31 * 75 = ?? 44 * 59 = ?? 20 * 19 = ?? 83 * 97 = ?? 46 * 27 = ?? 80 * 43 = ?? 77 * 35 = ?? 94 * 6 = ??
Congratulations, mission 31 has been successfully completed!

While you are waiting, a duck swims by ...

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


~/Castle/Main_building/Library
[mission 32] $
```

Cerca

18:08
21/07/2023