

## MISSIONE N\*1

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

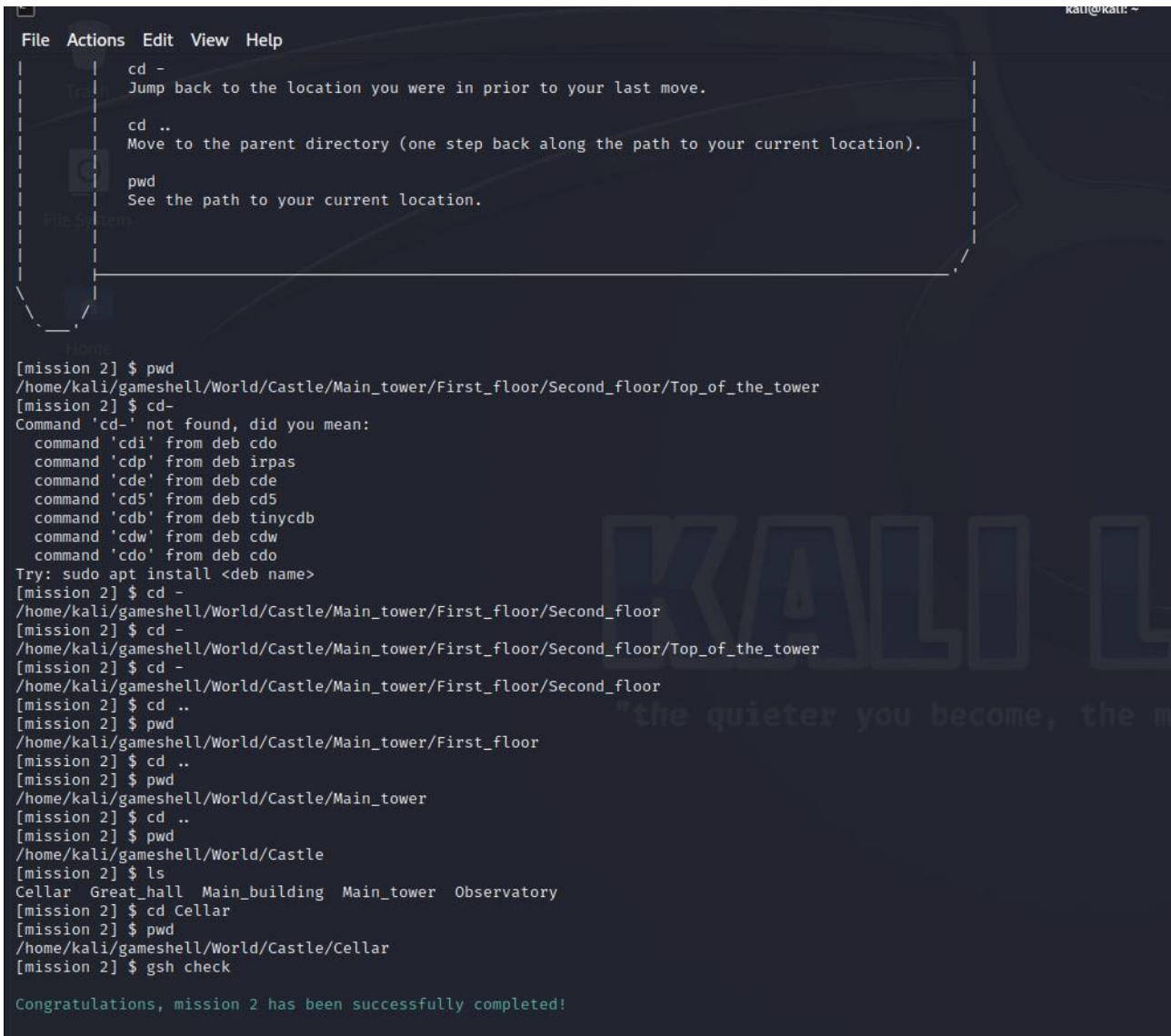
[mission 1] $ pwd
/home/kali/gameshell/World
[mission 1] $ ls
Castle Forest Garden Mountain Stall
[mission 1] $ cd Castle/
[mission 1] $ ls
Cellar Great_hall Main_building Main_tower Observatory
[mission 1] $ cd Main_tower/
[mission 1] $ ls
First_floor
[mission 1] $ cd First_floor/
[mission 1] $ ls
Second_floor
[mission 1] $ cd second_floor/
bash: cd:second_floor/: No such file or directory
[mission 1] $ cd Second_floor
[mission 1] $ ls
Top_of_the_tower
[mission 1] $ cd Top_of_the_tower/
[mission 1] $ ls
[mission 1] $ gsh check

Congratulations, mission 1 has been successfully completed!
```

Questa prima missione consiste nello spostarsi da una cartella all'altra tramite l'utilizzo del comando <<cd>> che sta per <<change directory>>.

Per controllare il contenuto delle cartelle e potersi spostare di conseguenza si poteva usare il comando <<ls>> che sta per <<list>>.

## MISSIONE N\*2



```
File Actions Edit View Help
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.

[mission 2] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor/Top_of_the_tower
[mission 2] $ cd-
Command 'cd-' not found, did you mean:
  command 'cdi' from deb cdo
  command 'cdp' from deb irpas
  command 'cde' from deb cde
  command 'cd5' from deb cd5
  command 'cdb' from deb tinycdb
  command 'cdw' from deb cdw
  command 'cdo' from deb cdo
Try: sudo apt install <deb name>
[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 -
/home/kali/gameshell/World/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] $ gsh check

Congratulations, mission 2 has been successfully completed!
```

Questa seconda missione consiste comunque nello spostarsi da una cartella all'altra ma implementando la possibilità di tornare indietro usando il comando `<<cd ->>`.

Usando solo il comando `<<cd>>` si torna nella cartella principale.

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## MISSIONE N\*4

```
Create a new directory inside the current directory.  
Remark: "mkdir" is an abbreviation for "make directory".  
~  
~/Forest  
[mission 4] $ cd  
~  
[mission 4] $ ls  
Castle Forest Garden Mountain Stall  
~  
[mission 4] $ cd forest  
bash: cd: forest: No such file or directory  
~  
[mission 4] $ cd Forest  
~/Forest  
[mission 4] $ mkdir Hut  
mkdir: cannot create directory 'Hut': File exists  
~/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. |  
+-----+  
|  
~/Forest/Hut  
[mission 5] $ █
```

Questa quarta missione consiste nel creare le cartelle tramite l'apposito comando <<mkdir>> che significa <<make directory>>.

## MISSIONE N\*5

```
Create a new directory inside the current directory.  
Remark: ``mkdir`` is an abbreviation for "make directory".  
~  
~/Forest  
[mission 4] $ cd  
~  
[mission 4] $ ls  
Castle Forest Garden Mountain Stall  
~  
[mission 4] $ cd forest  
bash: cd: forest: No such file or directory  
~  
[mission 4] $ cd Forest  
~/Forest  
[mission 4] $ mkdir Hut  
mkdir: cannot create directory 'Hut': File exists  
~/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. |  
+-----+  
|  
~/Forest/Hut  
[mission 5] $ █
```

Questa quinta missione consiste nell'eliminazione dei file presenti nelle cartelle tramite il comando `<<rm>>` che significa `<<remove>>` e scrivendo di fianco la lista dei file da cancellare per l'appunto verranno eliminati.

E per controllare che sia avvenuto tutto correttamente si può verificare tramite il comando `<<ls>>`.

## MISSIONE N\*6

```
File Actions Edit View Help
Use one of the following commands: check, goal, help, reset
Fresh
~/Garden
[mission 6] $ gsh goal

Mission goal
=====
Collect all the coins that you can find in the garden in front of the
Tavern.

Useful commands
=====
File
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.

~/Garden
[mission 6] $ ls
coin_1 coin_2 coin_3 Flower_garden Maze Shed

~/Garden
[mission 6] $ mv coin_1 coin_2 coin_3 /home/kali/gameshell/World/Forest

~/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] $ █
```

Questa sesta missione consiste nello spostare dei file da una cartella mittente ad un destinatario usando l'apposito comando <<mv>> che significa <<move>> seguito dal nome esatto del file da spostare, con il percorso della cartella di destinazione



# MISSIONE N\*7

```

\ .....
)
) Mission goal
)
) Collect all the coins hidden in the garden in front of the castle, and put them in your chest (in you
)
) 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 nam
)
) Tab
) The tabulation key "completes" the name of a file or directory once you have typed the beginning of i
) if there is only one possible completion.
)
) Tab-Tab
) Pressing tabulation twice successively shows a list of possible completions.
)
\ .....
(0)=>>.....
V .....

~/Garden
[mission 7] $ gsh restart
Error: unknown gsh command 'restart'.
Use one of the following commands: check, goal, help, reset

~/Garden
[mission 7] $ ls -A
.37772_coin_2 .38708_coin_1 .61139_coin_3 Flower_garden Maze Shed

~/Garden
[mission 7] $ mv .37772_coin_2 .38708_coin_1 .61139_coin_3 /home/kali/gameshell/World/Forest/Hut/Chest

~/Garden
[mission 7] $ gsh check

Congratulations, mission 7 has been successfully completed!

```

Questa settimana missione consiste nello spostamento di file nascosti, che andremo a scoprire tramite il comando `<ls-A>`, da una cartella all'altra.

E per usarli useremo il comando usato nel sesto livello ovvero <<mv>>.

# MISSIONE N\*8

```

// * -> file-1 Folder-1 file-14 potato
// *1 -> file-1 Folder-1
// *0* -> Folder-1 potato
// *+ -> error: no matching file
// *~? -> file-1 Folder-1
// *~?? -> file-14

~/Garden
[mission 8] $ ls
Flower_garden Maze Shed

~/Garden
[mission 8] $ cd

~
[mission 8] $ cd Castle

~/Castle
[mission 8] $ cd Cellar

~/Castle/Cellar
[mission 8] $ ls
10274_spider_32 14633_spider_11 16781_spider_39 20730_spider_18 21617_spider_25 24254_spider_43 26308_spider_36 29569_spider_37 31241_spider_23 5013_spider_17 835_spider_31 barrel_of_apples
12245_spider_46 14903_spider_28 16893_spider_26 20942_spider_38 21761_spider_12 24349_bat_3 26766_spider_47 29833_spider_3 324_spider_4 5847_spider_9 8519_spider_27
12600_spider_8 14995_spider_21 17857_spider_48 20986_spider_44 2206_spider_24 25324_spider_20 27180_spider_29 29850_spider_5 32537_spider_16 6296_spider_40 9158_bat_2
13823_bat_4 15809_spider_49 19666_spider_15 211_spider_2 23294_spider_13 26180_spider_50 28242_spider_7 30199_spider_30 3867_spider_42 6586_spider_14 9486_spider_10
14032_spider_34 16566_spider_1 19783_bat_5 21555_spider_41 23484_spider_45 26255_bat_1 28485_spider_22 30856_spider_35 4008_spider_19 7455_spider_6 9589_spider_33

~/Castle/Cellar
[mission 8] $ rm *spider*

~/Castle/Cellar
[mission 8] $ ls
13823_bat_4 19783_bat_5 24349_bat_3 26255_bat_1 9158_bat_2 barrel_of_apples

~/Castle/Cellar
[mission 8] $ gsh check

Congratulations, mission 8 has been successfully completed!
```

Questa ottava missione consiste nello spostamento di più file da una cartella all'altra però risparmiando molto tempo, di fatto usando <<\*>> ed usando una sequenza di caratteri che possono essere numeri, lettere o caratteri speciali ed utilizzando un comando ci permetterà di di selezionare più file facilmente.



## MISSIONE N\*9

```
~/Castle/Cellar
[mission 9] $ ls -A
.10001_spider_31 .18116_spider_46 .24652_spider_34 .4034_spider_45
.10395_bat_5 .19060_spider_12 .24907_spider_11 .5915_spider_13
.109_spider_42 .19124_spider_4 .25423_spider_44 .6126_spider_27
.11501_spider_39 .19126_spider_21 .25917_bat_4 .6137_spider_22
.12537_spider_49 19783_bat_5 26255_bat_1 .6297_spider_50
.13154_spider_19 .19821_spider_3 .26789_spider_47 .6936_spider_38
.13374_spider_48 .2133_spider_32 .28128_spider_29 .7255_spider_41
13823_bat_4 .21462_spider_23 .28602_spider_14 .7622_spider_7
.14508_bat_3 .21824_spider_30 .30213_bat_2 .7639_spider_36
.14610_spider_28 .22988_spider_26 .31040_spider_2 .8193_spider_17
.14833_spider_20 .23054_spider_37 .31205_spider_10 .8653_spider_1
.1516_spider_6 .23236_spider_9 .31386_spider_25 9158_bat_2
.16125_spider_40 .23293_spider_5 .31745_spider_35 barrel_of_apples
.16599_spider_15 .24045_bat_1 .31976_spider_24
.16790_spider_43 .24347_spider_8 .3424_spider_16
.17295_spider_33 24349_bat_3 .3968_spider_18

~/Castle/Cellar
[mission 9] $ rm *spider*
rm: cannot remove '*spider*': No such file or directory

~/Castle/Cellar
[mission 9] $ rm .*spider*

~/Castle/Cellar
[mission 9] $ ls -A
.10395_bat_5 19783_bat_5 .25917_bat_4 9158_bat_2
13823_bat_4 .24045_bat_1 26255_bat_1 barrel_of_apples
.14508_bat_3 24349_bat_3 .30213_bat_2

~/Castle/Cellar
[mission 9] $ gsh check

Congratulations, mission 9 has been successfully completed!

      _.-'_.--'_.
    _.-'_.--'_.||      Congratulations !
```

Questa nona missione consiste in quello che abbiamo appena fatto nel l'ottavo livello però applicato ai file nascosti.

Ci viene chiesto di eliminare tutti i file che contengono la parola spider quindi utilizzeremo o `*spider*` o `spider`? In base a quanti sono i caratteri prima o dopo la parola di spider.

## MISSIONE N\*10

```

~/Castle/Cellar
[mission 10] $ cd

~
[mission 10] $ ls
Castle/ Forest/ Garden/ Mountain/ Stall/

~
[mission 10] $ cd Castle/

~/Castle
[mission 10] $ ls
Cellar/ Great_hall/ Main_building/ Main_tower/ Observatory/

~/Castle
[mission 10] $ cd Great_hell
bash: cd: Great_hell: No such file or directory

~/Castle
[mission 10] $ cd Great_hell/
bash: cd: Great_hell/: No such file or directory

~/Castle
[mission 10] $ cd Great_hall/

~/Castle/Great_hall
[mission 10] $ ls
1284_decorative_shield  47951_stag_head  standard_2  standard_4
42594_suit_of_armour    standard_1       standard_3

~/Castle/Great_hall
[mission 10] $ cp standard* Chest
cp: target 'Chest': No such file or directory

~/Castle/Great_hall
[mission 10] $ cp standard+ Chest
cp: cannot stat 'standard+': No such file or directory

~/Castle/Great_hall
[mission 10] $ gsh restart
Error: unknown gsh command 'restart'.
Use one of the following commands: check, goal, help, reset

~/Castle/Great_hall
[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.
```

```
| Remark: ``cp`` is an abbreviation of "copy".
```

```
~/Castle/Great_hall
```

```
[mission 10] $ cp standard+ /home/kali/gameshell/World/Forest/Hut/Chest  
cp: cannot stat 'standard+': No such file or directory
```

```
~/Castle/Great_hall
```

```
[mission 10] $ gsh check
```

```
I wanted all the standards!
```

```
Sorry, mission 10 hasn't been completed.
```

```
| Use the command
```

```
| $ gsh help
```

```
| to get the list of "gsh" commands.
```

```
~/Castle/Great_hall
```

```
[mission 10] $ cp standard* /home/kali/gameshell/World/Forest/Hut/Chest
```

```
~/Castle/Great_hall
```

```
[mission 10] $ gsh check
```

```
Congratulations, mission 10 has been successfully completed!
```

Questa decima missione consiste nella copia e il trasferimento delle copie dei file in un'altra cartella.

Qui useremo il comando <<cp>> che significa <<copy>> con i nomi esatti dei file che vogliamo o in caso di file numerati o con nomi uguali.

Durante questa missione per velocizzare il tutto potremmo usare <<\*>> per velocizzare il tutto e spostarli nella cartella da noi desiderata usando il percorso da noi delineato.