

# Report Game Shell

Nel corso di questo report, illustrerò l'utilizzo dei comandi della shell di Linux per lo sblocco delle missioni del gioco. Ho eseguito una serie di comandi per completare le varie missioni e raggiungere gli obiettivi assegnati.

```
[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
[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!
```

- Nella prima missione ho utilizzato il comando "pwd" per capire in quale directory mi trovavo, "ls" per leggere quali elementi fossero presenti nella directory e il comando cd per navigare tra le directory.

```
[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.
```

- Nella missione tre ho utilizzato il comando "cd" con il percorso della directory per accedere alla directory richiesta

```
~/Garden
[mission 7] $ ls -A
.16917_coin_1 .57804_coin_2 .60214_coin_3 Flower_garden Maze Shed
~/Garden
[mission 7] $ mv .16917_coin_1 .57804_coin_2 .60214_coin_3 ~/Forest/Hut/Chest
~/Garden
[mission 7] $ gsh check

Congratulations, mission 7 has been successfully completed!
```

- Nella missione sette ho utilizzato il comando "ls -A" per visualizzare i file nascosti e il comando "mv" per spostare alcuni file in una directory specifica.

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

~/Castle/Cellar
[mission 9] $ ls
11085_bat_2 13017_bat_5 18720_bat_3 23595_bat_1 27753_bat_4

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

Congratulations, mission 9 has been successfully completed!
```

- Nella missione nove ho utilizzato il carattere jolly "\*" per eliminare tutti i file con all'interno del nome la stringa "spider".

```
~/Castle/Main_tower/First_floor
[mission 12] $ ls -l
total 16
-rw-r--r-- 1 kali kali 1503 Jan  2  1997 painting_aPWBCjoL
-rw-r--r-- 1 kali kali 1455 Nov  1  2014 painting_CaIuRcMI
-rw-r--r-- 1 kali kali 1055 Jun 20  1985 painting_WqpOtwbQ
drwxr-xr-x 3 kali kali 4096 May 19  04:25 Second_floor/

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

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

Congratulations, mission 12 has been successfully completed!
```

- Nella missione dodici ho utilizzato il comando "ls -l" per avere una lista estesa dei file presenti nella directory e con il comando "cp" ho copiato il file nel percorso richiesto.

```
~/Castle/Main_tower/First_floor
[mission 12] $ ls -l
total 16
-rw-r--r-- 1 kali kali 1503 Jan  2  1997 painting_aPWBCjoL
-rw-r--r-- 1 kali kali 1455 Nov  1  2014 painting_CaIuRcMI
-rw-r--r-- 1 kali kali 1055 Jun 20  1985 painting_WqpOtwbQ
drwxr-xr-x 3 kali kali 4096 May 19  04:25 Second_floor/

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

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

Congratulations, mission 12 has been successfully completed!
```

- Nella missione dodici ho utilizzato il comando "ls -l" per visualizzare le date di creazione dei file e il comando "cp" per copiare.

```
~/Castle/Cellar
[mission 17] $ cd .Lair_of_the_spider_queen\ SUCOVxKPbmgSdrhk cIEBoRuVisztLJtv/

~/Castle/Cellar/.Lair_of_the_spider_queen SUCOVxKPbmgSdrhk cIEBoRuVisztLJtv
[mission 17] $ ls
aNxTjvrZpLVQMBmW_spider_queen_lGvDoZJZpRrfbwpQ zRuNPUqJrXVHLJoy_baby_bat_TraLoHoKYkCYBkNl

~/Castle/Cellar/.Lair_of_the_spider_queen SUCOVxKPbmgSdrhk cIEBoRuVisztLJtv
[mission 17] $ rm aNxTjvrZpLVQMBmW_spider_queen_lGvDoZJZpRrfbwpQ

~/Castle/Cellar/.Lair_of_the_spider_queen SUCOVxKPbmgSdrhk cIEBoRuVisztLJtv
[mission 17] $ gsh chek
Error: unknown gsh command 'chek'.
Use one of the following commands: check, goal, help, reset

~/Castle/Cellar/.Lair_of_the_spider_queen SUCOVxKPbmgSdrhk cIEBoRuVisztLJtv
[mission 17] $ gsh check
Perfect, it took you only 20 seconds to complete this mission!

Congratulations, mission 17 has been successfully completed!
```

- Nella missione diciassette ho utilizzato il tasto tab per inserire entro il termine di tempo prestabilito la directory e il file da eliminare.

```
~/Mountain/Cave
[mission 23] $ tail -9 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!
```

- Nella missione ventitre ho utilizzato il comando "tail" con l'opzione "-n" per visualizzare le ultime n righe richieste.

```
~/Mountain/Cave
[mission 25] $ cat page_03 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!
```

- Nella missione venticinque ho utilizzato il comando "cat" concatenato con "tail" per visualizzare il contenuto di due file e filtrare le righe di testo richieste.

```
~  
[mission 28] $ ps  
  PID TTY          TIME CMD  
 159269 pts/6    00:00:00 zsh  
 159303 pts/6    00:00:00 bash  
 159414 pts/6    00:00:00 bash  
 159762 pts/6    00:00:00 spell  
 159850 pts/6    00:00:00 ps
```

Ho raggiunto la missione ventotto nella quale si utilizza il comando "kill" con l'opzione "-9" per terminare rapidamente il processo.