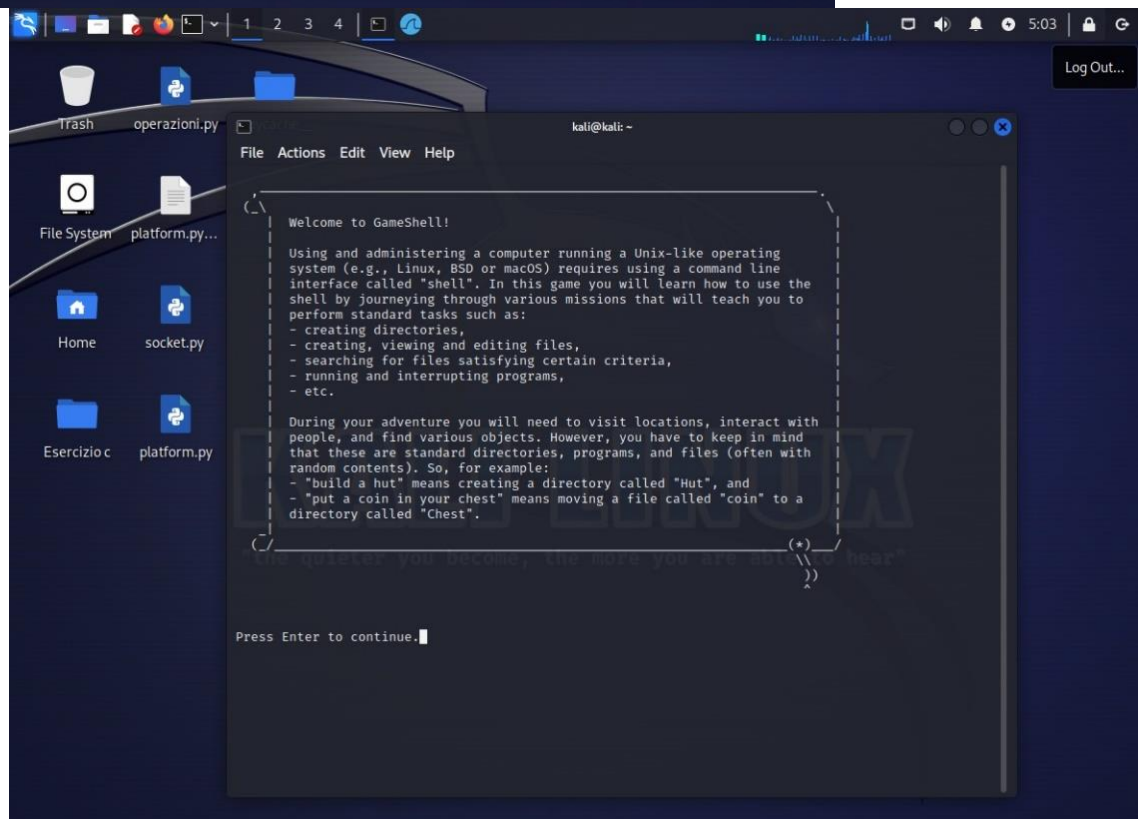
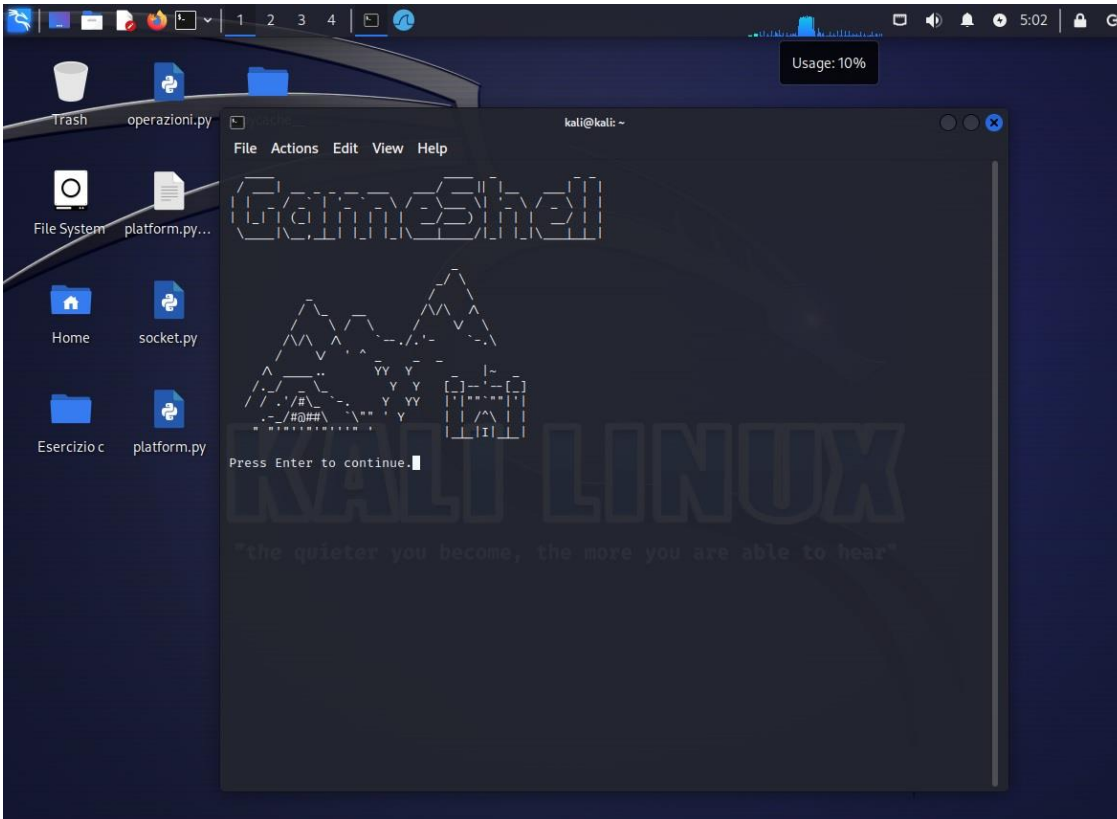


Nell'esercizio ci viene richiesto di installare un gioco e di completare quante missioni possibili arrivando almeno alla 10

Prima di ogni cosa ho provato ad installare il gioco GameShell ma ho dovuto prima installare il pacchetto gettext, dopo di ciò ho installato correttamente il programma attraverso i comandi forniti dall'esercizio:

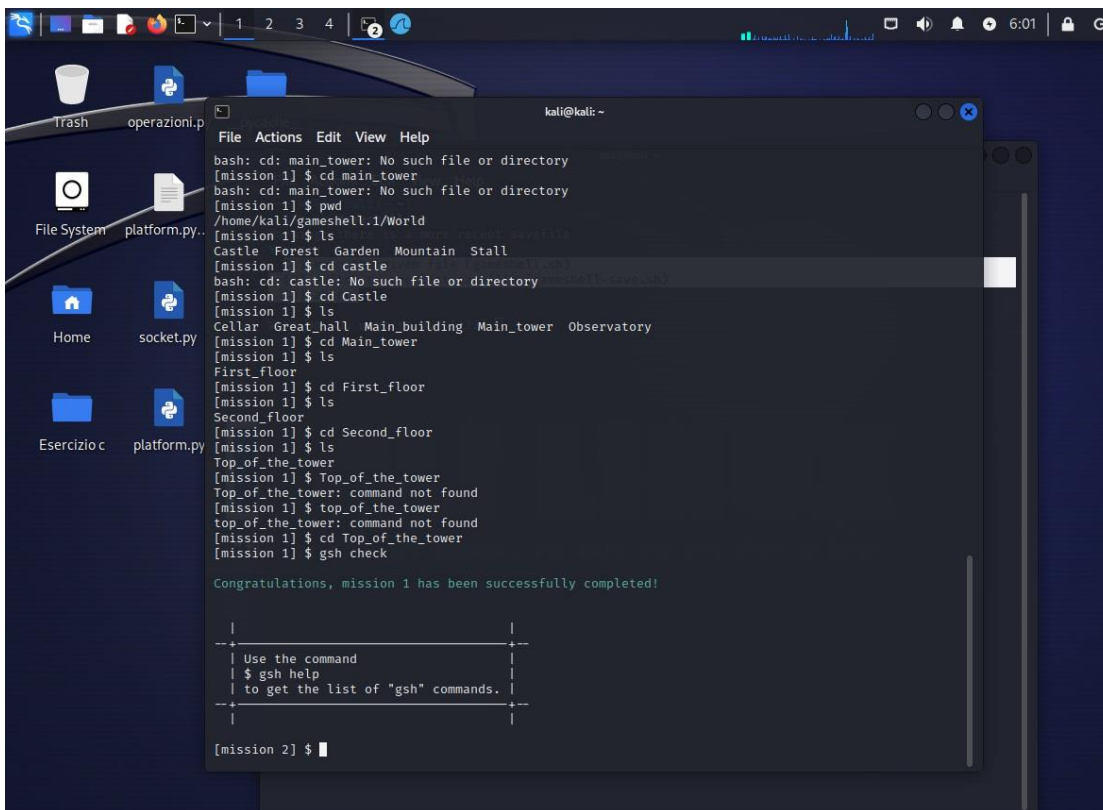
```
# sudo apt install gettext man-db procps psmisc nano tree bsdmainutils x11-apps wget # wget https://github.com/phyver/GameShell/releases/download/latest/gameshell.sh
```



Successivamente ho iniziato il gioco.

### Missione 1:

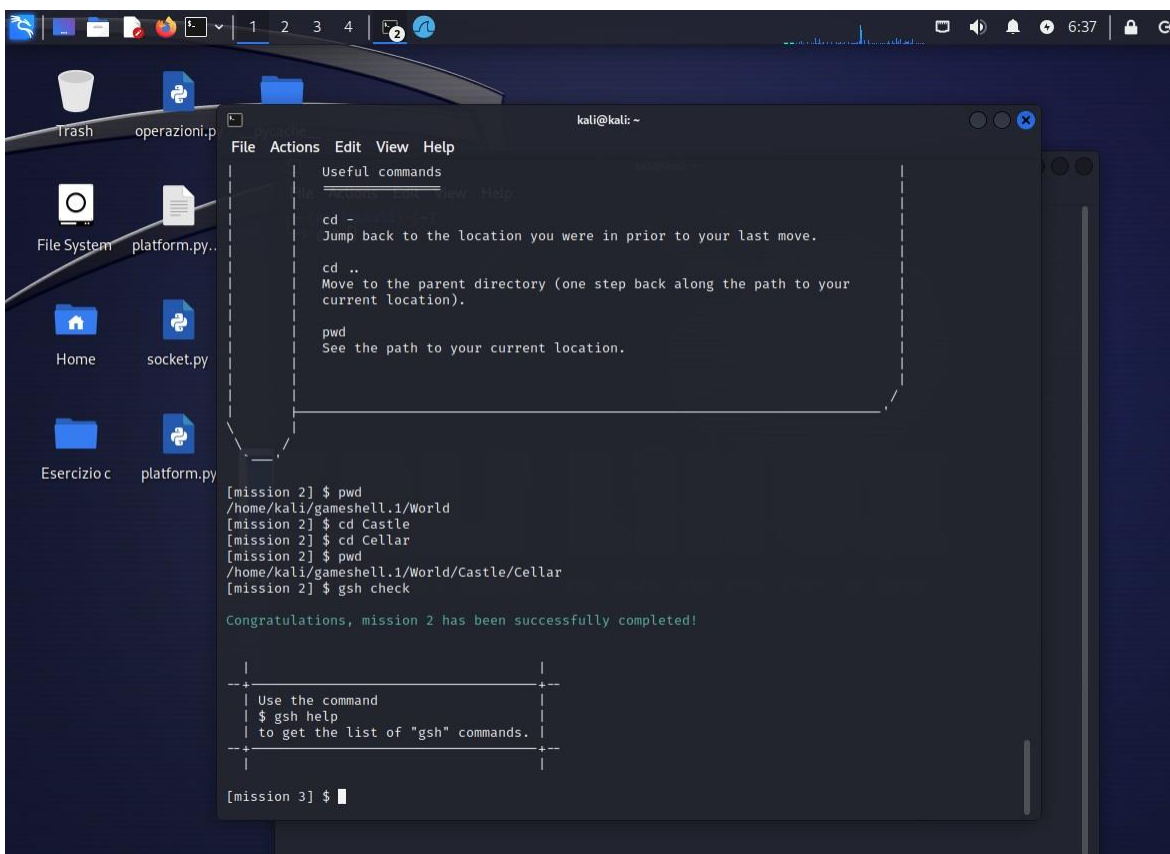
Mi chiedeva di arrivare in cima alla torre del castello, perciò ho dovuto entrare nel castello prima di tutto, poi controllare le sotto directory attraverso il comando "ls" che mi facevano vedere il percorso. Dunque ho attraversato tutti i piani con il comando cd fin quando sono arrivata in cima (inizialmente ho avuto qualche problema)



```
kali@kali: ~  
File Actions Edit View Help  
bash: cd: main_tower: No such file or directory  
[mission 1] $ cd main_tower  
bash: cd: main_tower: No such file or directory  
[mission 1] $ pwd  
/home/kali/gameshell.1/World  
[mission 1] $ ls  
Castle Forest Garden Mountain Stall  
[mission 1] $ cd castle  
bash: cd: castle: No such file or directory  
[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] $ Top_of_the_tower  
Top_of_the_tower: command not found  
[mission 1] $ top_of_the_tower  
top_of_the_tower: command not found  
[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] $
```

### Missione 2:

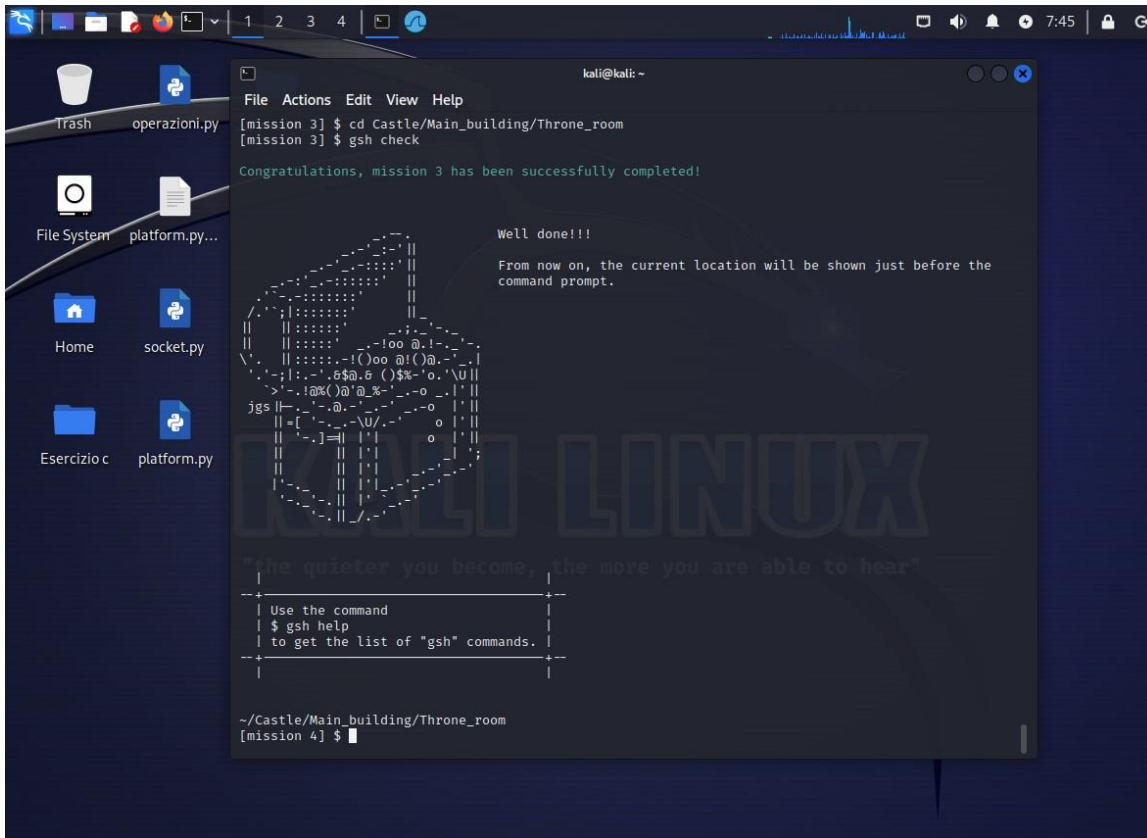
Mi veniva richiesto di arrivare alla "Cellar" (cantina). Prima di tutto ho controllato la directory, dove mi trovassi, attraverso il comando "pwd" quindi con il comando "cd" sono andata nella "Cellar"



```
kali@kali: ~  
File Actions Edit View Help  
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.  
+-----+  
  
[mission 2] $ pwd  
/home/kali/gameshell.1/World  
[mission 2] $ cd Castle  
[mission 2] $ cd Cellar  
[mission 2] $ pwd  
/home/kali/gameshell.1/World/Castle/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] $
```

### Missione 3:

Mi veniva richiesto di tornare al punto di partenza e arrivare alla sala del trono con due comandi. Prima di ogni cosa ho cercato, attraverso il comando `cd` di capire dove si trovasse la sala, scoperta all'interno del "Main building" ho digitato il comando `cd` per tornare al punto di partenza e ho digitato il comando per intero con gli `/` per entrare direttamente nella sala del trono.

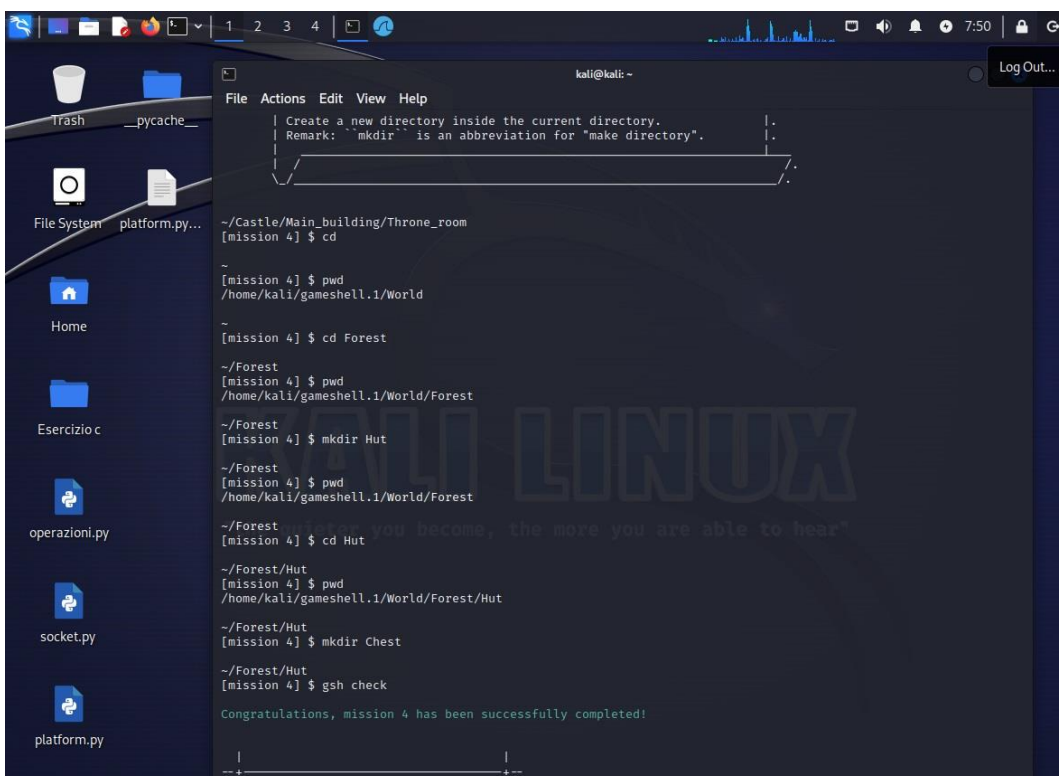


```
kali@kali: ~  
File Actions Edit View Help  
[mission 3] $ cd Castle/Main_building/Throne_room  
[mission 3] $ gsh check  
Congratulations, mission 3 has been successfully completed!  
  
Well done!!!  
From now on, the current location will be shown just before the  
command prompt.  
  
"the quieter you become, the more you are able to hear"  
+-----+  
| Use the command |  
| $ gsh help      |  
| to get the list of "gsh" commands. |  
+-----+  
  
~/Castle/Main_building/Throne_room  
[mission 4] $
```

### Missione 4:

Mi viene chiesto di costruire una capanna e un forziere al suo interno.

Sono tornata al punto di partenza e sono entrata nella foresta con il comando "`cd`", dopo di ciò ho creato una nuova directory per la capanna "Hut" attraverso il comando `mkdir`, sono entrata all'interno della suddetta directory e ho usato lo stesso procedimento per creare il forziere "Chest"

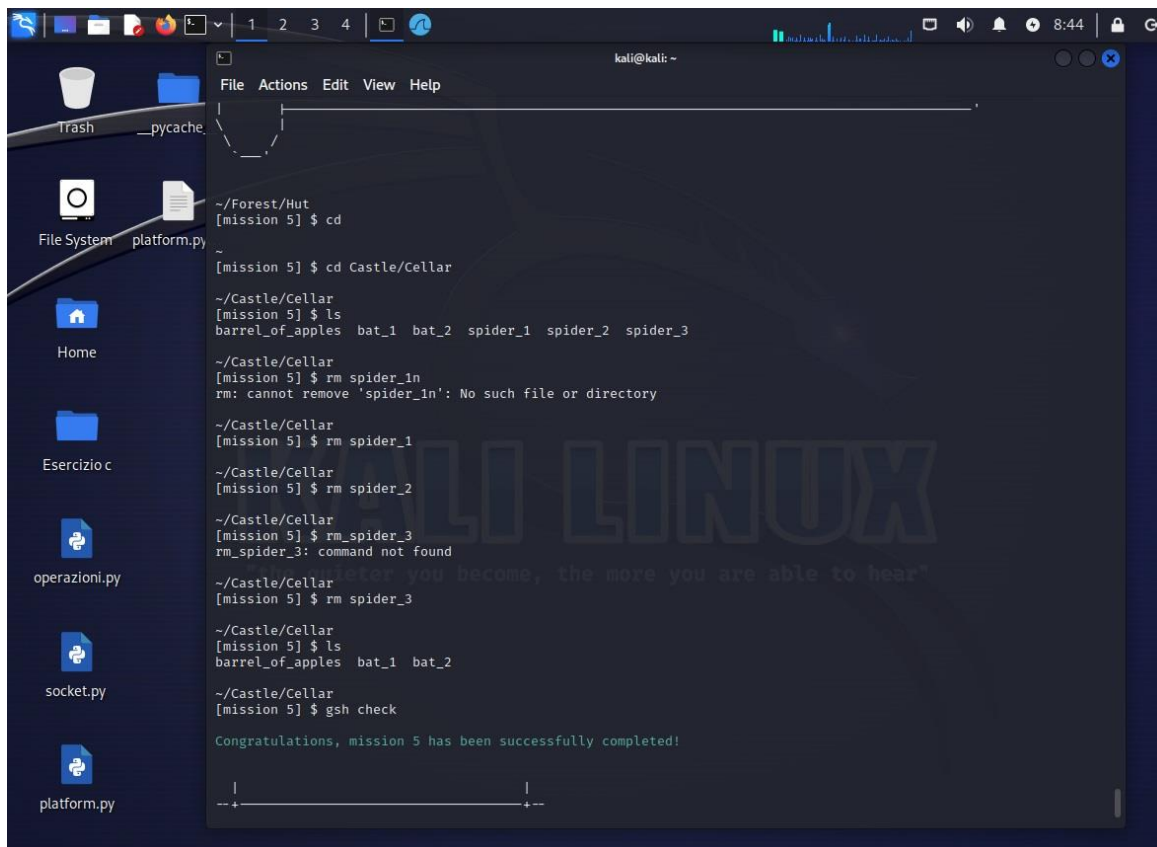


```
kali@kali: ~  
File Actions Edit View Help  
| Create a new directory inside the current directory. |  
| Remark: "mkdir" is an abbreviation for "make directory". |  
+-----+  
~/Castle/Main_building/Throne_room  
[mission 4] $ cd  
~  
[mission 4] $ pwd  
/home/kali/gameshell.1/World  
~  
[mission 4] $ cd Forest  
~/Forest  
[mission 4] $ pwd  
/home/kali/gameshell.1/World/Forest  
~  
[mission 4] $ mkdir Hut  
~/Forest  
[mission 4] $ pwd  
/home/kali/gameshell.1/World/Forest  
~  
[mission 4] $ cd Hut  
~/Forest/Hut  
[mission 4] $ pwd  
/home/kali/gameshell.1/World/Forest/Hut  
~  
[mission 4] $ mkdir Chest  
~/Forest/Hut  
[mission 4] $ gsh check  
Congratulations, mission 4 has been successfully completed!  
  
+-----+  
| Use the command |  
+-----+
```

## Missione 5:

Mi viene richiesto di tornare in cantina e sbarazzarmi unicamente dei ragni.

Tornata al punto di partenza rientro nella Cellar e controllo dove sono i ragni attraverso il comando "ls", a questo punto rimuovo i suddetti ragni attraverso il comando "rm" e controllo nuovamente con il comando "ls" che non ci siano più

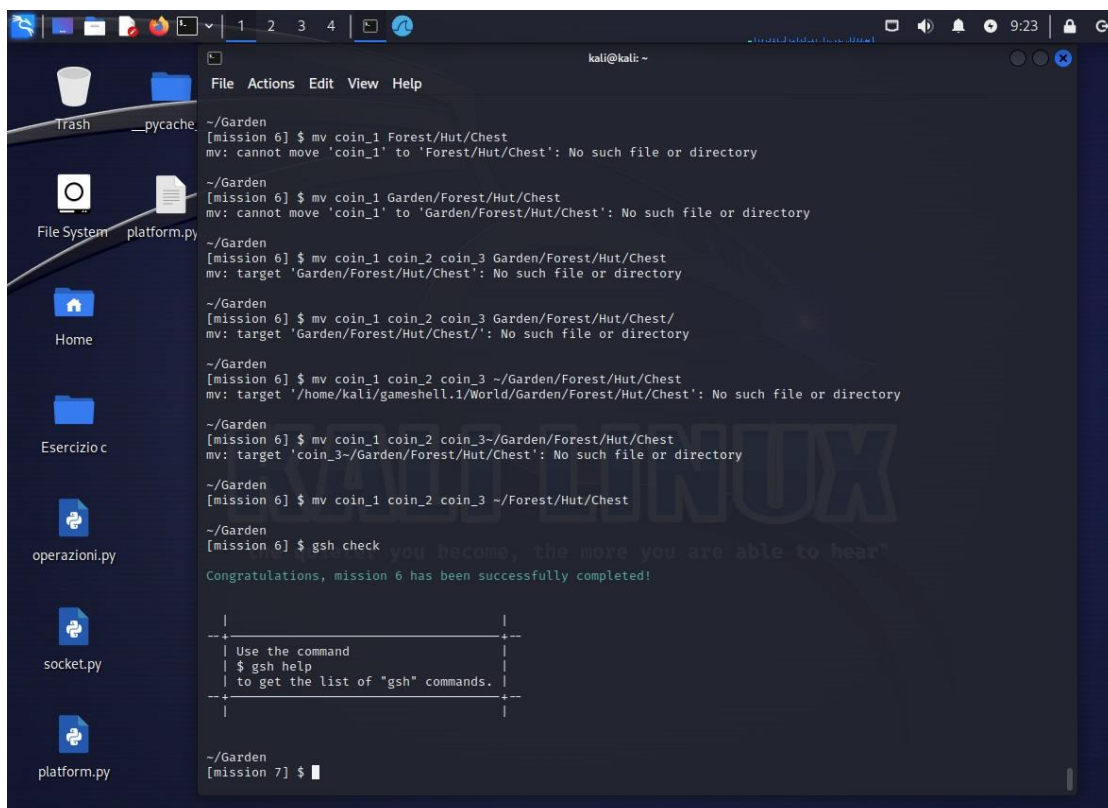


```
kali@kali: ~  
File Actions Edit View Help  
~/Forest/Hut  
[mission 5] $ cd  
[mission 5] $ cd Castle/Cellar  
~/Castle/Cellar  
[mission 5] $ ls  
barrel_of_apples bat_1 bat_2 spider_1 spider_2 spider_3  
~/Castle/Cellar  
[mission 5] $ rm spider_1n  
rm: cannot remove 'spider_1n': No such file or directory  
~/Castle/Cellar  
[mission 5] $ rm spider_1  
~/Castle/Cellar  
[mission 5] $ rm spider_2  
~/Castle/Cellar  
[mission 5] $ rm spider_3  
rm_spider_3: command not found  
~/Castle/Cellar  
[mission 5] $ rm 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!
```

## Missione 6:

Mi viene chiesto di raccogliere tutte le monete presenti nel giardino e depositarle nel forziere.

Torno in giardino e controllo attraverso il comando "ls" cosa c'è; a questo punto, dopo qualche tentativo sposto le monete nel forziere attraverso il comando mv mandandoli direttamente nella directory "Chest"



```
kali@kali: ~  
File Actions Edit View Help  
~/Garden  
[mission 6] $ mv coin_1 Forest/Hut/Chest  
mv: cannot move 'coin_1' to 'Forest/Hut/Chest': No such file or directory  
~/Garden  
[mission 6] $ mv coin_1 Garden/Forest/Hut/Chest  
mv: cannot move 'coin_1' to 'Garden/Forest/Hut/Chest': No such file or directory  
~/Garden  
[mission 6] $ mv coin_1 coin_2 coin_3 Garden/Forest/Hut/Chest  
mv: target 'Garden/Forest/Hut/Chest': No such file or directory  
~/Garden  
[mission 6] $ mv coin_1 coin_2 coin_3 Garden/Forest/Hut/Chest/  
mv: target 'Garden/Forest/Hut/Chest/': No such file or directory  
~/Garden  
[mission 6] $ mv coin_1 coin_2 coin_3 ~/Garden/Forest/Hut/Chest  
mv: target '/home/kali/gameshell.1/World/Garden/Forest/Hut/Chest': No such file or directory  
~/Garden  
[mission 6] $ mv coin_1 coin_2 coin_3 ~/Garden/Forest/Hut/Chest  
mv: target 'coin_3~/Garden/Forest/Hut/Chest': 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!
```



[illegible]

The screenshot shows a Kali Linux desktop environment. The desktop background is dark blue with a large, faint "KALI LINUX" watermark. On the left side, there is a dock with icons for Trash, pycache, File System, platform.py, Home, Esercizio c, operazioni.py, socket.py, and platform.py. The top of the screen shows a taskbar with various system icons and the time 10:00. A terminal window is open in the center, displaying the following commands and output:

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

~/Garden
[mission 8] $ cd

~/
[mission 8] $ cd Castle/Cellar

~/Castle/Cellar
[mission 8] $ ls
10534_spider_6 16026_spider_43 20764_bat_2 25474_spider_39 30211_spider_41 836_bat_4
11055_spider_49 16498_spider_12 21118_spider_22 25597_spider_48 31059_spider_21 8751_spider_7
11470_spider_46 16896_spider_10 21458_spider_26 2560_spider_20 32714_spider_31 9234_bat_5
11681_spider_4 17422_spider_8 22702_spider_5 25861_spider_23 4229_spider_25 9239_bat_3
12731_spider_36 17657_spider_33 23592_spider_9 25867_spider_2 429_spider_28 9545_spider_30
12842_spider_24 18441_spider_3 24187_spider_15 26232_spider_45 5456_spider_50 barrel_of_apples
13157_spider_11 18508_spider_40 24403_spider_19 2626_spider_27 6485_spider_42
13381_spider_32 19829_spider_16 24425_spider_38 27142_spider_13 682_bat_1
14708_spider_47 20163_spider_29 24916_spider_17 28511_spider_35 7054_spider_14
14793_spider_1 20670_spider_34 25405_spider_44 30114_spider_37 7750_spider_18

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

~/Castle/Cellar
[mission 8] $ gsh check
you become, the more you are able to hear"
Congratulations, mission 8 has been successfully completed!

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

~/Castle/Cellar
[mission 9] $
```

The screenshot shows a Kali Linux desktop with a terminal window open. The desktop background is dark with a large, semi-transparent 'KALI LINUX' watermark. On the left side of the desktop, there are icons for 'Trash', 'File System', 'Home', and several Python files: 'platform.py', 'operazioni.py', 'socket.py', and 'platform.py'. The terminal window is titled 'kali@kali: ~' and shows the following commands and output:

```

~/Castle/Cellar
[mission 9] $ ls -A
.10193_spider_11 .15722_bat_5 .21402_bat_1 .26430_spider_42 .32743_bat_3 .8764_spider_41
.10279_spider_8 .15922_spider_46 .22023_spider_48 .26451_spider_12 .350_spider_18 .8808_spider_2
.11571_spider_24 .17671_spider_10 .23317_spider_43 .26634_spider_7 .3549_spider_6 .9209_spider_50
.1185_spider_19 .18081_spider_49 .23776_spider_13 .2676_spider_37 .5296_spider_26 9234_bat_5
.12599_spider_25 .18631_spider_14 .23926_spider_3 .27587_spider_16 .5768_spider_22 9239_bat_3
.1262_spider_33 .18874_spider_34 .24016_spider_5 .28227_spider_38 .5824_spider_15 barrel_of_apples
.12666_spider_9 .19224_spider_35 .24021_spider_17 .28603_spider_30 682_bat_1
.13110_spider_20 .19989_spider_47 .24198_spider_32 .29238_bat_4 .8073_spider_45
.13972_bat_2 .20386_spider_39 .25290_spider_36 .29302_spider_27 .8274_spider_4
.14515_spider_40 .20595_spider_31 .2638_spider_29 .30540_spider_21 836_bat_4
.15201_spider_44 20764_bat_2 .26401_spider_1 .32026_spider_23 .8762_spider_28

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

~/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.

```

The screenshot shows a Kali Linux desktop environment. The desktop background is dark with a large, faint 'KALI LINUX' watermark. On the left side, there is a dock with several icons: a trash can, a folder labeled 'pycache', a file icon labeled 'platform.py', a home icon, a folder icon labeled 'Esercizio c', a file icon labeled 'operazioni.py', a file icon labeled 'socket.py', and another file icon labeled 'platform.py'. The top of the screen shows a taskbar with application icons and system status icons, including a clock showing 10:26. A terminal window is open in the center, displaying the following content:

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

Useful commands

cp FILE DIRNAME
Copy the file to the directory.
Remark: "cp" is an abbreviation of "copy".

~/Castle/Cellar
[mission 10] $ cd

~
[mission 10] $ cd Castle/Great_hall

~/Castle/Great_hall
[mission 10] $ ls
18315_stag_head 33818_decorative_shield 43595_suit_of_armour standard_1 standard_2 standard_3 standard_4

~/Castle/Great_hall
[mission 10] $ cp *standard* ~/Forest/Hut/Chest

~/Castle/Great_hall
[mission 10] $ gsh check
you become, the more you are able to hear"
Congratulations, mission 10 has been successfully completed!

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

~/Castle/Great_hall
[mission 11] $
```