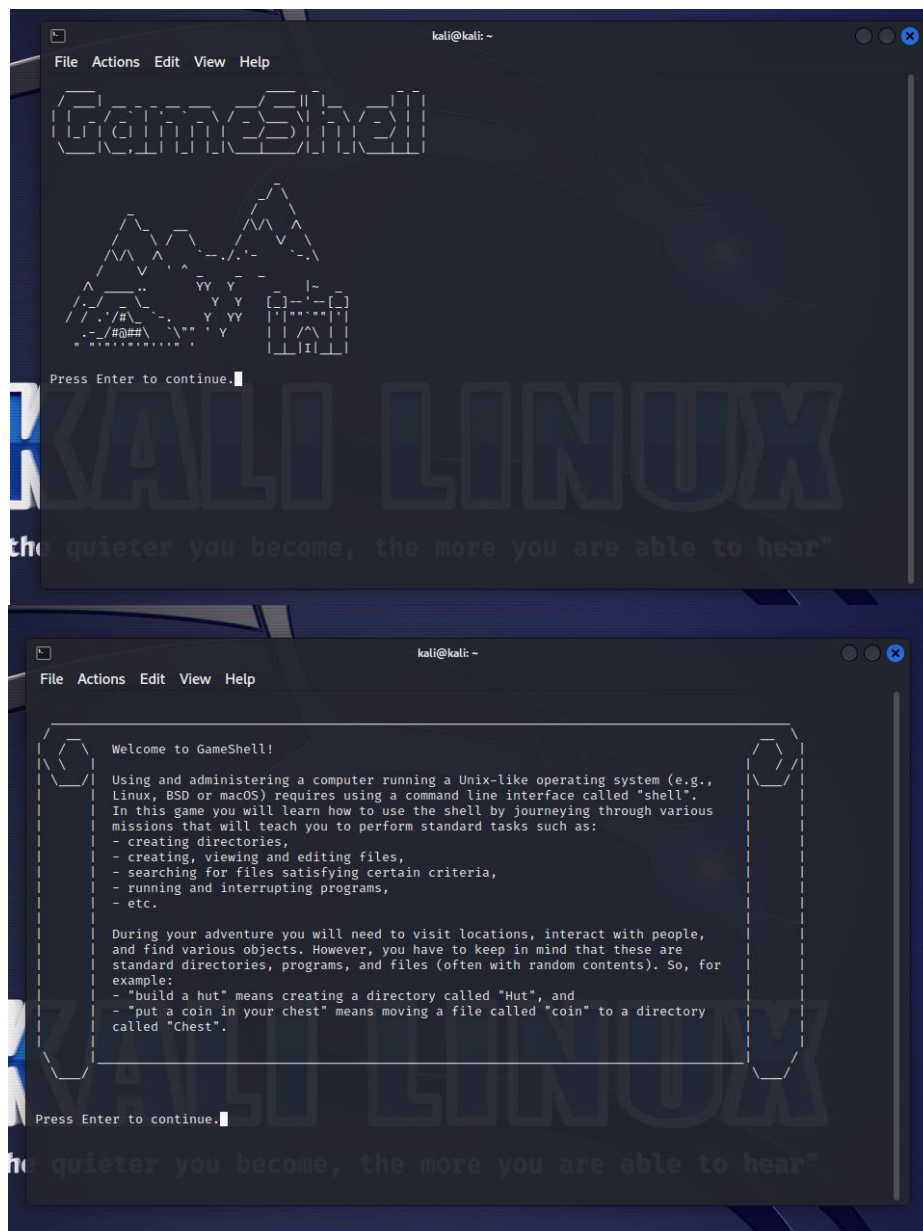


Epicode Project 3

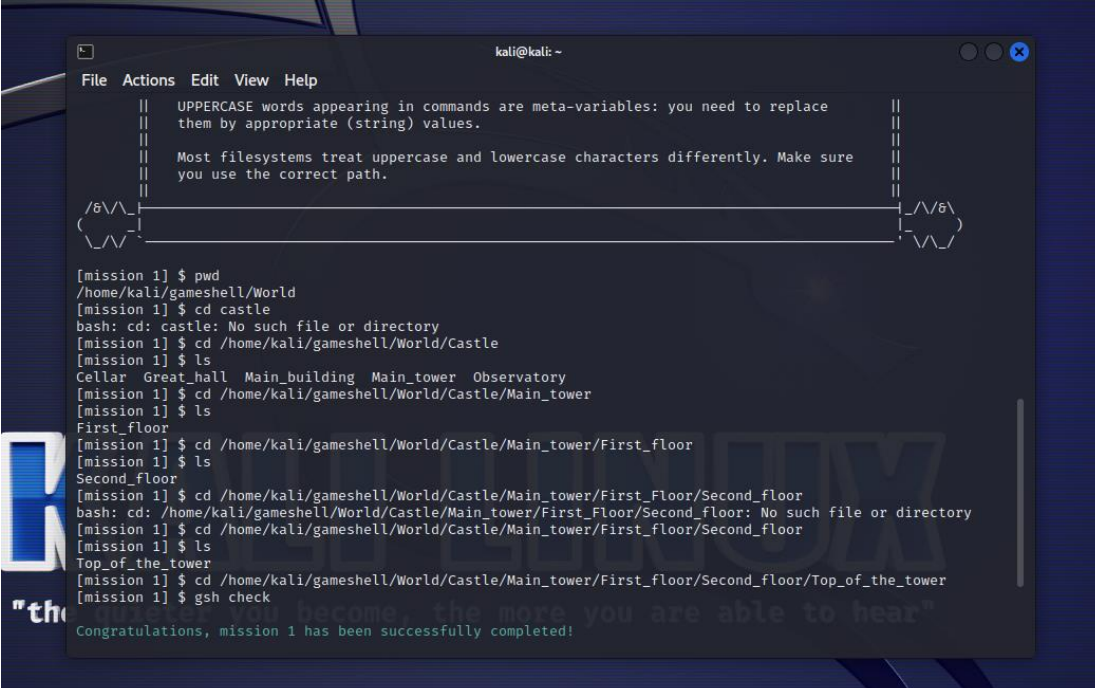
Traccia: Completare più livelli possibile in “Game Shell”

Svolgimento: Dopo aver installato Game Shell su Kali, avvio la partita.

Il gioco presenta una schermata di benvenuto ed una breve introduzione alle meccaniche, che poi altro non sono che comandi specifici di Linux utilizzati “ad hoc” per prendere più dimestichezza possibile con la Shell di quest’ultimo.



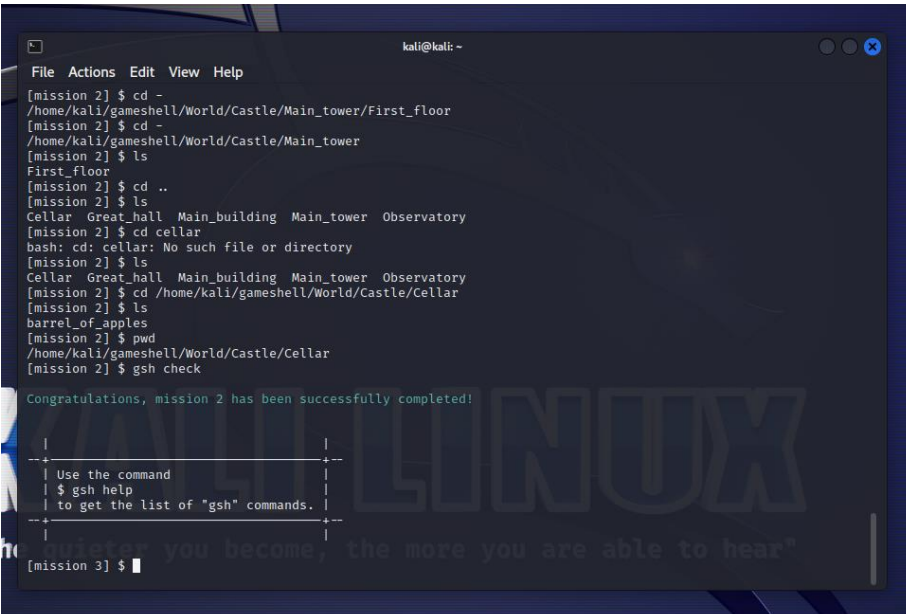
Avvio dunque la prima task, e dopo un ulteriore, breve tutorial, inizio la mia scalata verso la sommità della torre principale.



```
kali@kali: ~  
File Actions Edit View Help  
|| UPPERCASE words appearing in commands are meta-variables: you need to replace ||  
|| them by appropriate (string) values. ||  
|| ||  
|| Most filesystems treat uppercase and lowercase characters differently. Make sure ||  
|| you use the correct path. ||  
|| ||  
/g\~  
{\~\g}  
[mission 1] $ pwd  
/home/kali/gameshell/World  
[mission 1] $ cd castle  
bash: cd: castle: No such file or directory  
[mission 1] $ cd /home/kali/gameshell/World/Castle  
[mission 1] $ ls  
Cellar Great_hall Main_building Main_tower Observatory  
[mission 1] $ cd /home/kali/gameshell/World/Castle/Main_tower  
[mission 1] $ ls  
First_floor  
[mission 1] $ cd /home/kali/gameshell/World/Castle/Main_tower/First_floor  
[mission 1] $ ls  
Second_floor  
[mission 1] $ cd /home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor  
bash: cd: /home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor: No such file or directory  
[mission 1] $ cd /home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor  
[mission 1] $ ls  
Top_of_the_tower  
[mission 1] $ cd /home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor/Top_of_the_tower  
[mission 1] $ gsh check  
Congratulations, mission 1 has been successfully completed!
```

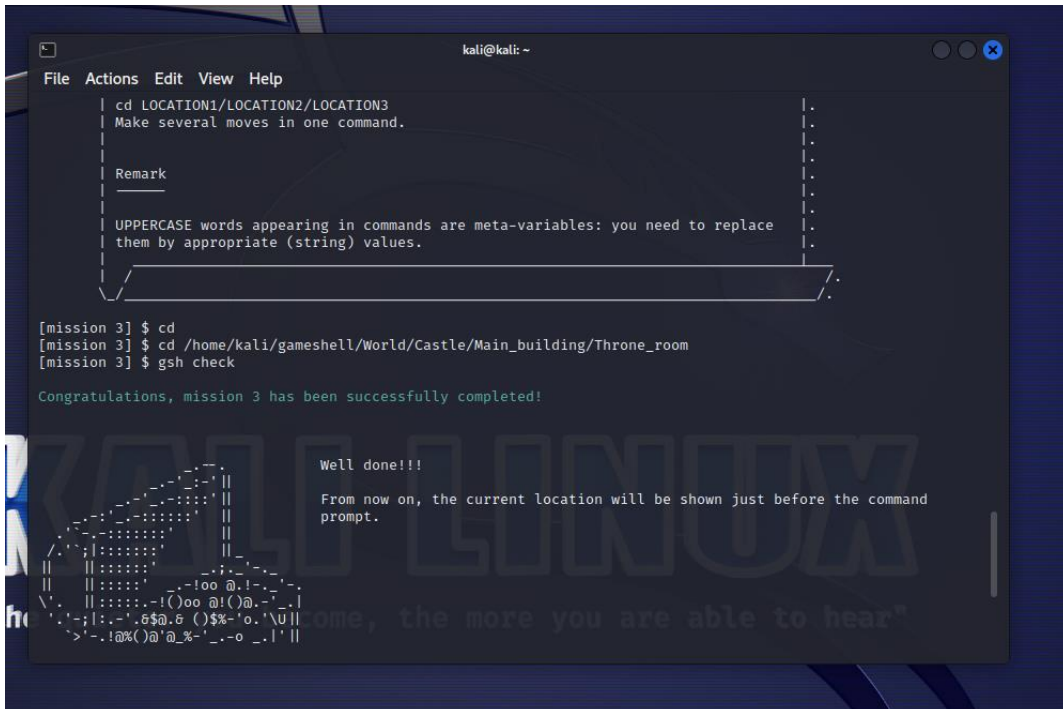
Come già detto, lo scopo del gioco è imparare e memorizzare i comandi Linux. Già in questa prima task, infatti, lo “spostamento” del nostro “personaggio” tra i vari ambienti ha luogo grazie al comando “cd” (change directory), e il controllo degli ambienti visitati con il comando “ls” (che ci fornisce una lista degli elementi presenti all’interno della directory selezionata).

La seconda task non risulta essere diversa dalla prima, eccezion fatta per l’utilizzo dei comandi “cd-” e “cd ..”, rispettivamente necessari per tornare alla directory immediatamente precedente, o alla directory “madre” rispetto a quella in cui ci si trova quando si utilizza il comando.



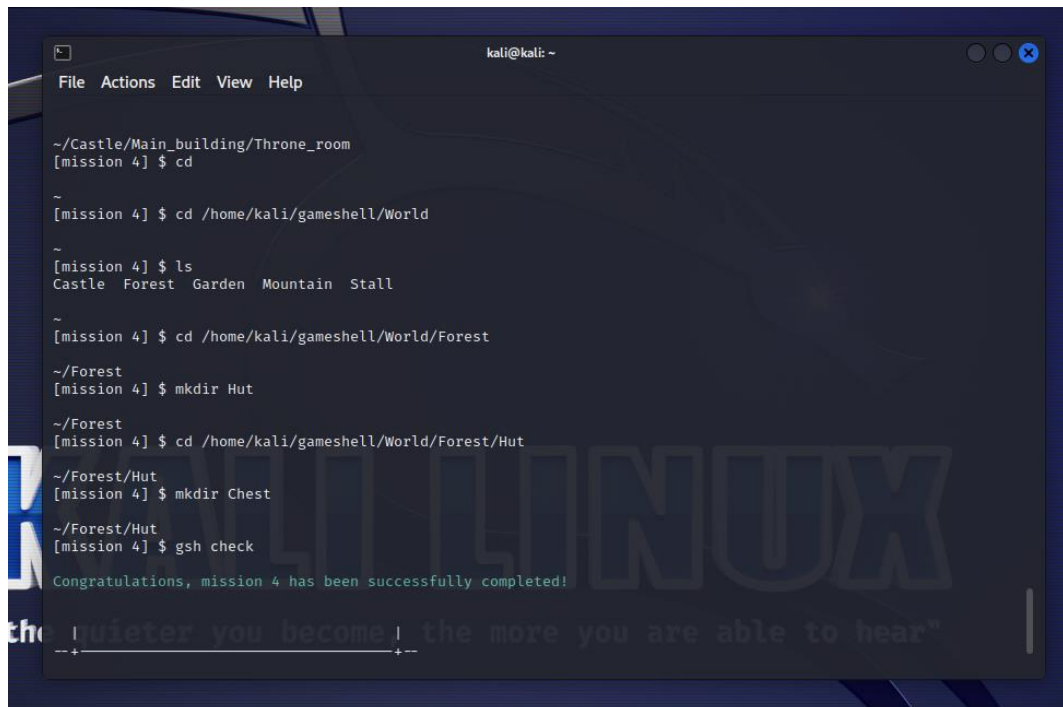
```
kali@kali: ~  
File Actions Edit View Help  
[mission 2] $ cd -  
/home/kali/gameshell/World/Castle/Main_tower/First_floor  
[mission 2] $ cd -  
/home/kali/gameshell/World/Castle/Main_tower  
[mission 2] $ ls  
First_floor  
[mission 2] $ cd ..  
[mission 2] $ ls  
Cellar Great_hall Main_building Main_tower Observatory  
[mission 2] $ cd cellar  
bash: cd: cellar: No such file or directory  
[mission 2] $ ls  
Cellar Great_hall Main_building Main_tower Observatory  
[mission 2] $ cd /home/kali/gameshell/World/Castle/Cellar  
[mission 2] $ ls  
barrel_of_apples  
[mission 2] $ pwd  
/home/kali/gameshell/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] $
```

Molto simile la task numero 3, che ci chiede di cambiare più directory contemporaneamente.



```
kali@kali: ~  
File Actions Edit View Help  
| cd LOCATION1/LOCATION2/LOCATION3 |  
| Make several moves in one command. |  
|  
| Remark |  
|  
| UPPERCASE words appearing in commands are meta-variables: you need to replace |  
| them by appropriate (string) values. |  
|_____|  
|  
[mission 3] $ cd  
[mission 3] $ cd /home/kali/gameshell/World/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"
```

Nelle missioni 4/5, iniziamo invece a prendere confidenza con la creazione e cancellazione di directory e files, sotto la forma di luoghi e animali pericolosi da cacciare, rispettivamente.



```
kali@kali: ~  
File Actions Edit View Help  
  
~/Castle/Main_building/Throne_room  
[mission 4] $ cd  
  
~  
[mission 4] $ cd /home/kali/gameshell/World  
  
~  
[mission 4] $ ls  
Castle Forest Garden Mountain Stall  
  
~  
[mission 4] $ cd /home/kali/gameshell/World/Forest  
  
~/Forest  
[mission 4] $ mkdir Hut  
  
~/Forest  
[mission 4] $ cd /home/kali/gameshell/World/Forest/Hut  
  
~/Forest/Hut  
[mission 4] $ mkdir Chest  
  
~/Forest/Hut  
[mission 4] $ gsh check  
  
Congratulations, mission 4 has been successfully completed!  
  
the quieter you become the more you are able to hear"
```

```
~/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

~/Castle/Cellar
[mission 5] $ rm spider_2

~/Castle/Cellar
[mission 5] $ rm 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 you become, the more you are able to hear"
[mission 6] $
```

Con le task 6,7,8,9 impariamo invece a spostare i file tra le varie directory e l'utilità del tasto "tab" e di altre scorciatoie quali "*" e "?".

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

~/Castle/Cellar
[mission 6] $ cd -
/home/kali/gameshell/World

~/
[mission 6] $ ls
Castle Forest Garden Mountain Stall

~/
[mission 6] $ cd /home/kali/gameshell/World/Garden

~/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/Hut/Chest

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

~/Garden
[mission 6] $ gsh check

Congratulations, mission 6 has been successfully completed!

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

```
kali@kali: ~  
File Actions Edit View Help  
|_|  
( )  
  
~/Garden  
[mission 7] $ ls -A  
.26140_coin_3 .45170_coin_1 .54094_coin_2 Flower_garden Maze Shed  
  
~/Garden  
[mission 7] $ mv .26140_coin_3 .54094_coin_2 .45170_coin_1 /home/kali/gameshell/World/Forest/Hut/Chest  
  
~/Garden  
[mission 7] $ ls -A  
Flower_garden Maze Shed  
  
~/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] $  
the "the more you become, the more you are able to hear"
```



```
kali@kali: ~  
File Actions Edit View Help  
~/Castle/Cellar  
[mission 8] $ ls*spider  
ls*spider: command not found  
  
~/Castle/Cellar  
[mission 8] $ *spider*  
10410_spider_31: command not found  
  
~/Castle/Cellar  
[mission 8] $ ls *spider*  
10410_spider_31 14759_spider_25 2129_spider_42 25705_spider_14 32414_spider_36 7407_spider_1  
11638_spider_9 152_spider_48 21574_spider_19 25705_spider_37 32727_spider_8 7452_spider_47  
11807_spider_12 15655_spider_38 22174_spider_44 28005_spider_16 3613_spider_17 7751_spider_4  
11879_spider_5 16358_spider_7 22206_spider_11 28095_spider_43 3972_spider_49 968_spider_26  
1195_spider_15 16370_spider_13 23244_spider_6 28511_spider_22 4509_spider_46 9979_spider_34  
11971_spider_2 17670_spider_18 2393_spider_45 29454_spider_30 5716_spider_33  
1292_spider_39 18001_spider_29 24479_spider_32 30073_spider_35 5733_spider_3  
13319_spider_41 20334_spider_50 25170_spider_24 31660_spider_27 5930_spider_28  
14674_spider_23 20552_spider_40 25262_spider_21 31850_spider_20 7100_spider_10  
  
~/Castle/Cellar  
[mission 8] $ rm *spider*  
  
~/Castle/Cellar  
[mission 8] $ ls  
15225_bat_3 2107_bat_2 30798_bat_5 5930_bat_1 8059_bat_4 barrel_of_apples  
  
~/Castle/Cellar  
[mission 8] $ gsh check  
  
Congratulations, mission 8 has been successfully completed! you are able to hear"
```



```
kali@kali: ~  
File Actions Edit View Help  
~/.14678_spider_34 .20929_spider_25 .26826_spider_19 .31921_bat_4 8059_bat_4  
~/Castle/Cellar  
[mission 9] $ rm .spider*  
~/Castle/Cellar  
[mission 9] $ ls  
15225_bat_3 2107_bat_2 30798_bat_5 5930_bat_1 8059_bat_4 barrel_of_apples  
~/Castle/Cellar  
[mission 9] $ ls -A  
.12678_bat_2 .15225_bat_3 .30798_bat_5 .5930_bat_1 .8059_bat_4 barrel_of_apples  
.14244_bat_1 .2107_bat_2 .31921_bat_4 .6227_bat_3 .947_bat_5  
~/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 more you are able to hear"
```

Anche le task da 10 a 12, proseguono più o meno sullo stesso filone, spostando e copiando file, nella 13, invece, prendiamo confidenza con il calendario, con la 14, con gli Alias.

```
kali@kali: ~  
File Actions Edit View Help  
~/Castle/Great_hall  
[mission 10] $ ls  
34561_suit_of_armour 64913_stag_head 9884_decorative_shield standard_1 standard_2 standard_3 standard_4  
~/Castle/Great_hall  
[mission 10] $ cp standard_1 standard_2 standard_3 standard_4 home/kali/gameshell/World/Forest/Hut/Chest  
cp: target 'home/kali/gameshell/World/Forest/Hut/Chest': No such file or directory  
~/Castle/Great_hall  
[mission 10] $ ls  
34561_suit_of_armour 64913_stag_head 9884_decorative_shield standard_1 standard_2 standard_3 standard_4  
~/Castle/Great_hall  
[mission 10] $ cp standard_1 standard_2 standard_3 standard_4 /home/kali/gameshell/World/Forest/Hut/Chest  
~/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] $
```

```
kali@kali: ~  
File Actions Edit View Help  
|  
|  
~/Castle/Great_hall  
[mission 11] $ ls  
16458_suit_of_armour 3249_stag_head 51958_tapestry_04 7800_tapestry_02 standard_4  
22360_tapestry_10 38881_tapestry_07 53905_tapestry_08 standard_1  
31104_tapestry_01 43011_tapestry_05 58721_tapestry_09 standard_2  
32310_tapestry_03 45399_decorative_shield 6038_tapestry_06 standard_3  
~/Castle/Great_hall  
[mission 11] $ cp 22360_tapestry_10 31104_tapestry_01 32310_tapestry_03 38881_tapestry_07 43011_tapestry_05 51  
958_tapestry_04 53905_tapestry_08 58721_tapestry_09 6038_tapestry_06 7800_tapestry_02 /home/kali/gameshell/Wor  
ld/Forest/Hut/Chest  
~/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 you become, the more you are able to hear"  
[mission 12] $ |
```

```

kali@kali: ~
File Actions Edit View Help

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

~/Castle/Main_tower/First_floor
[mission 13] $ gosh check
What was the day of the week for the 03-25-1984?
1 : Monday
2 : Tuesday
3 : Wednesday
4 : Thursday
5 : Friday
6 : Saturday
7 : Sunday
Your answer: 7

Congratulations, mission 13 has been successfully completed!

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

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

```

The screenshot shows a Kali Linux terminal window with the title bar "kali@kali: ~". The terminal content is as follows:

```
File Actions Edit View Help
Sorry, mission 14 hasn't been completed.

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

~
[mission 14] $ alias la='ls -A'

~
[mission 14] $ gsh check

Congratulations, mission 14 has been successfully completed!

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

~ quietly, you become, the more you are able to hear"
[mission 15] $
```

Dalla task 15 alle successive, proseguirò con i comandi imparati fin'ora e segnalerò le maggiori differenze ed eventuali nuovi comandi.

```

kali@kali: ~
File Actions Edit View Help

))
^

~
[mission 16] $ alias journal='nano /home/kali/gameshell/World/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 for you).

jgs

```

Ancora “Alias”...

```
kali@kali: ~  
File Actions Edit View Help  
--+-----+--  
| |  
| |  
~/Castle/Cellar  
[mission 17] $ cd .Lair_of_the_spider_queen\ EzojFfnxoNmVXdHB OAhuwLlQJuSdsKRY/  
~/Castle/Cellar/.Lair_of_the_spider_queen EzojFfnxoNmVXdHB OAhuwLlQJuSdsKRY  
[mission 17] $ la  
HoToLrTlqKgiHlBA_spider_queen_SsEJoXktrcwMdYrB ILTYfDciIWeDiefZ_baby_bat_omHSMRezYnstQSQSt  
~/Castle/Cellar/.Lair_of_the_spider_queen EzojFfnxoNmVXdHB OAhuwLlQJuSdsKRY  
[mission 17] $ rm HoToLrTlqKgiHlBA_spider_queen_SsEJoXktrcwMdYrB  
~/Castle/Cellar/.Lair_of_the_spider_queen EzojFfnxoNmVXdHB OAhuwLlQJuSdsKRY  
[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 EzojFfnxoNmVXdHB OAhuwLlQJuSdsKRY  
[mission 18] $
```

E una piccola “prova a tempo”.


```
kali@kali: ~  
File Actions Edit View Help  
~/Garden/Maze  
[mission 20] $ cd ../f713cacf5e2108b0f4e9461ffb3d9/a6836663e17b9eec/ee7e882ea591454b01647206064/  
00000_silver_coin_00000  
~/Garden/Maze/f713cacf5e2108b0f4e9461ffb3d9/a6836663e17b9eec/ee7e882ea591454b01647206064/  
[mission 20] $ la  
00000_silver_coin_00000  
~/Garden/Maze/f713cacf5e2108b0f4e9461ffb3d9/a6836663e17b9eec/ee7e882ea591454b01647206064/  
[mission 20] $ mv 00000_silver_coin_00000 /home/kali/gameshell/World/Forest/Hut/Chest  
~/Garden/Maze/f713cacf5e2108b0f4e9461ffb3d9/a6836663e17b9eec/ee7e882ea591454b01647206064/  
[mission 20] $ gsh check  
Congratulations, mission 20 has been successfully 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 21] $
```

Di particolare interesse la quest 21, dove sarà necessario concatenare numerosi filtri per giungere velocemente alla soluzione.

```
kali@kali: ~  
File Actions Edit View Help  
[mission 21] $ cd ../d68d4f507492782e1/baf32c78757f84d33e6f1eeeb422/9d592f05112238edb8a2a13f/  
~/Garden/Maze/d68d4f507492782e1/baf32c78757f84d33e6f1eeeb422/9d592f05112238edb8a2a13f  
[mission 21] $ la  
gold_coin_1  
~/Garden/Maze/d68d4f507492782e1/baf32c78757f84d33e6f1eeeb422/9d592f05112238edb8a2a13f  
[mission 21] $ mv gold_coin_1 /home/kali/gameshell/World/Forest/Hut/Chest  
~/Garden/Maze/d68d4f507492782e1/baf32c78757f84d33e6f1eeeb422/9d592f05112238edb8a2a13f  
[mission 21] $ la  
~/Garden/Maze/d68d4f507492782e1/baf32c78757f84d33e6f1eeeb422/9d592f05112238edb8a2a13f  
[mission 21] $ cd -  
/home/kali/gameshell/World/Garden/Maze  
~/Garden/Maze  
[mission 21] $ cd ../7a3b3bc7ac1c41009e8/d9709a79d849e8cae9bd/eba03a50d6fa9fa767e08db05c1425/  
~/Garden/Maze/7a3b3bc7ac1c41009e8/d9709a79d849e8cae9bd/eba03a50d6fa9fa767e08db05c1425  
[mission 21] $ la  
GoLD_CoiN_2  
~/Garden/Maze/7a3b3bc7ac1c41009e8/d9709a79d849e8cae9bd/eba03a50d6fa9fa767e08db05c1425  
[mission 21] $ mv GoLD_CoiN_2 /home/kali/gameshell/World/Forest/Hut/Chest/  
~/Garden/Maze/7a3b3bc7ac1c41009e8/d9709a79d849e8cae9bd/eba03a50d6fa9fa767e08db05c1425  
[mission 21] $ gsh check  
Congratulations, mission 21 has been successfully completed!  
You are back at the entrance of the maze ...
```

Dalla task 22, si interagirà per un po' con lo stregone Servillus.

```
kali@kali: ~  
File Actions Edit View Help  
| $ gsh help |  
| to get the list of "gsh" commands. |  
+-----+  
|  
~/.Mountain/Cave  
[mission 22] $ head -n 6 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] $
```

```
kali@kali: ~  
File Actions Edit View Help  
8) Season with a pinch of salt and a few herbs.  
9) Serve hot in a bowl.  
~/.Mountain/Cave  
[mission 23] $ tail -n 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!  
+-----+  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
+-----+  
~/.Mountain/Cave  
[mission 24] $
```

```
kali@kali: ~  
File Actions Edit View Help  
~/Mountain/Cave  
[mission 24] $ ls  
Book_of_potions/ page_01 page_02 page_05 page_07 page_12 servillus  
~/Mountain/Cave  
[mission 24] $ cat page_01 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
```

```
kali@kali: ~  
File Actions Edit View Help  
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.  
~/Mountain/Cave  
[mission 25] $ tail -n 16 /home/kali/gameshell/World/Mountain/Cave/Book_of_potions/page_03 /home/kali/gameshell/World/Mountain/Cave/Book_of_potions/page_04 | grep '[0-9]*')  
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!  
the quieter you become, the more you are able to hear"
```



```
kali@kali: ~  
File Actions Edit View Help  
!$-#  
  
ps  
  PID TTY          TIME CMD  
 211388 pts/0    00:00:00 zsh  
 211422 pts/0    00:00:00 bash  
 211477 pts/0    00:00:00 bash  
 213854 pts/0    00:00:00 spell  
 214071 pts/0    00:00:00 ps  
  
~  
[mission 28] $ kill -  
                *#@*  
                &_**/~  
                !$-#  
  
9 213854  
  
~  
[mission 28] $ ps  
  PID TTY          TIME CMD  
 211388 pts/0    00:00:00 zsh  
 211422 pts/0    00:00:00 bash  
 211477 pts/0    00:00:00 bash  
 214201 pts/0    00:00:00 ps  
  
~  
[mission 28] $ gsh check  
Congratulations, mission 28 has been successfully completed!  
Process names should be equal to the corresponding filename for mission processes/03_pstree_kill/deps.sh.
```

Dopodiché dovrò interrompere dei processi fastidiosi sotto la forma di magia che lancia carbone ovunque.

A partire dalla task 30, invece, avremo a che fare con la matematica, iniziando con un po' di calcolo mentale, e non solo.

```
kali@kali: ~  
File Actions Edit View Help  
~  
[mission 30] $ gsh goal  
  
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.  
  
~  
[mission 30] $ gsh check  
42 + 67 = ?? 109  
90 + 16 = ?? 106  
84 + 20 = ?? 104  
32 + 1 = ?? 33  
20 + 39 = ?? 59  
  
Congratulations, mission 30 has been successfully completed!you are able to hear"
```

```
kali@kali: ~  
File Actions Edit View Help  
873  
1248  
324  
664  
190  
53 * 83 = ?? 34 * 58 = ?? 88 * 75 = ?? 71 * 90 = ?? 50 * 55 = ?? 83 * 56 = ?? 48 * 88 = ?? 8 * 25 = ?? 28 * 85  
= ?? 52 * 3 = ?? 64 * 13 = ?? 70 * 51 = ?? 44 * 66 = ?? 39 * 39 = ?? 54 * 59 = ?? 41 * 7 = ?? 46 * 16 = ?? 56  
* 80 = ?? 9 * 59 = ?? 78 * 18 = ?? 77 * 45 = ?? 64 * 49 = ?? 57 * 42 = ?? 15 * 27 = ?? 42 * 70 = ?? 11 * 24 =  
?? 80 * 92 = ?? 54 * 38 = ?? 22 * 94 = ?? 25 * 17 = ?? 68 * 62 = ?? 40 * 74 = ?? 78 * 76 = ?? 60 * 34 = ?? 22  
* 36 = ?? 61 * 37 = ?? 97 * 23 = ?? 85 * 84 = ?? 62 * 20 = ?? 73 * 22 = ?? 59 * 49 = ?? 49 * 34 = ?? 57 * 75  
= ?? 32 * 77 = ?? 29 * 18 = ?? 39 * 77 = ?? 69 * 95 = ?? 43 * 12 = ?? 33 * 99 = ?? 14 * 68 = ?? 94 * 18 = ?? 8  
* 25 = ?? 47 * 84 = ?? 58 * 88 = ?? 5 * 31 = ?? 20 * 95 = ?? 69 * 2 = ?? 99 * 13 = ?? 68 * 62 = ?? 55 * 80 =  
?? 60 * 83 = ?? 99 * 27 = ?? 17 * 18 = ?? 91 * 81 = ?? 26 * 12 = ?? 75 * 51 = ?? 68 * 99 = ?? 49 * 2 = ?? 97 *  
24 = ?? 20 * 92 = ?? 52 * 69 = ?? 62 * 98 = ?? 95 * 67 = ?? 40 * 28 = ?? 38 * 32 = ?? 85 * 88 = ?? 20 * 84 =  
?? 37 * 10 = ?? 22 * 6 = ?? 10 * 23 = ?? 27 * 22 = ?? 67 * 63 = ?? 78 * 3 = ?? 9 * 68 = ?? 79 * 80 = ?? 90 * 7  
6 = ?? 79 * 64 = ?? 6 * 27 = ?? 64 * 69 = ?? 14 * 100 = ?? 78 * 96 = ?? 88 * 90 = ?? 21 * 51 = ?? 37 * 18 = ??  
97 * 9 = ?? 52 * 24 = ?? 18 * 18 = ?? 83 * 8 = ?? 2 * 95 = ??  
Congratulations, mission 31 has been successfully completed!  
  
While you are waiting, a snail goes by...  
|-----|  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
|-----|  
  
~/Castle/Main_building/Library come, the more you are able to hear"  
[mission 32] $
```