Missione 1

```
[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] $ ./Main_tower
bash: ./Main_tower: Is a directory
[mission 1] $ cd ./Main_tower
[mission 1] $ ls
First_floor
[mission 1] $ cd First_floor
[mission 1] $ ls
Second_floor
[mission 1] $ cs Second_floor
Command 'cs' not found, but can be installed with:
sudo apt install csound
Do you want to install it? (N/y)n
[mission 1] $ cd Second_floor
[mission 1] $ ls
Top_of_the_tower
[mission 1] $ cd Top_of_the_tower
[mission 1] $ ls
[mission 1] $ ls
[mission 1] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor/Top_of_the_tower
[mission 1] $ ls
[mission 1] $ gsh check

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

Per arrivare in cima al castello ho usato i comandi cd per cambiare directory e ls per vedere le cartelle esistenti in quel percorso.

Missione 2

```
[mission 2] $ cd..
cd..: command not found
[mission 2] $ cd ..
[mission 2] $ pwd
/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 ..
[mission 2] $ ls
Top_of_the_tower
[mission 2] $ cd ..
[mission 2] $ ls
Second_floor
[mission 2] $ cd ..
[mission 2] $ ls
First_floor
[mission 2] $ cd ..
[mission 2] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory
[mission 2] $ pwd
/home/kali/gameshell/World/Castle
[mission 2] $ cd Cellar
[mission 2] $ ls
barrel_of_apples
[mission 2] $ gsh check

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

In questa missione dovevo cambiare cartella ed ho usato i comandi cd – e cd ..

Missione 3

```
[mission 3] $ cd
[mission 3] $ lpwd
Command 'lpwd' not found, did you mean:
  command 'hpwd' from deb hfsutils
  command 'lpd' from deb lpr
  command 'lpd' from deb lprng
  command 'pwd' from deb coreutils
Try: sudo apt install <deb name>
[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 Cellar
[mission 3] $ ls
barrel_of_apples
[mission 3] $ cd ..
[mission 3] $ cd Great_hall
[mission 3] $ ls
[mission 3] $ pwd
/home/kali/gameshell/World/Castle/Great_hall
[mission 3] $ cd ..
[mission 3] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory
[mission 3] $ cd Main_building
[mission 3] $ ls
Library  Throne_room
[mission 3] $ pwd
/home/kali/gameshell/World/Castle/Main_building
[mission 3] $ cd
[mission 3] $ cd Castle/Main_building/Throne_room
[mission 3] $ gsh check

Congratulations, mission 3 has been successfully completed!
```

In questa missione dovevo arrivare in una stanza usando solo 2 comandi,
quindi prima ho esplorato per cercare la stanza, poi sono tornato all'inizio e poi
sono andato nella stanza con una sola riga.

Missione 4

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

~
[mission 4] $ ls
Castle  Forest  Garden  Mountain  Stall

~
[mission 4] $ cd Forest

~/Forest
[mission 4] $ ls

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

~/Forest
[mission 4] $ mkdir Hut/Chest
mkdir: cannot create directory 'Hut/Chest': No such file or directory

~/Forest
[mission 4] $ mkdir Hut

~/Forest
[mission 4] $ ls
Hut

~/Forest
[mission 4] $ cd Hut

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

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

Congratulations, mission 4 has been successfully completed!
```

In questa missione ho creato 2 directory un dentro l'altra nella foresta, inizialmente volevo creare le due cartelle con una sola riga ma non ci sono riuscito.

Missione 5

```
~/Forest/Hut
[mission 5] $ cd /home/kali/gameshell/World/Castle

~/Castle
[mission 5] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory

~/Castle
[mission 5] $ cd 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_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!
```

Qui ho eliminato dei file 'spider' usando il comando rm.

Missione 6

```
~
[mission 6] $ cd Forest

~/Forest
[mission 6] $ ls
Hut

~/Forest
[mission 6] $ cd Hut

~/Forest/Hut
[mission 6] $ ls
Chest

~/Forest/Hut
[mission 6] $ cd -
/home/kali/gameshell/World/Forest

~/Forest
[mission 6] $ cd

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

~
[mission 6] $ cd 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/Worls/Forest/Hut/Chest
mv: target '/home/kali/gameshell/Worls/Forest/Hut/Chest': No such file or directory

~/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!
```

Ho spostato le monete dal giardino alla Chest con il comando mv, ho fatto più tentativi perché sbagliavo delle lettere quando indicavo il percorso in cui spostare le monete.

Missione 7

```
~
[mission 7] $ cd Garden/

~/Garden
[mission 7] $ ls
Flower_garden  Maze  Shed

~/Garden
[mission 7] $ ls -A
.22009_coin_3  .52589_coin_2  .54328_coin_1  Flower_garden  Maze  Shed

~/Garden
[mission 7] $ mv .
./             ../              .22009_coin_3  .52589_coin_2  .54328_coin_1

~/Garden
[mission 7] $ mv .22009_coin_3 .52589_coin_2 .54328_coin_1 home/kali/Gameshell/Worls/Forest/Hut/Forest
mv: target 'home/kali/Gameshell/Worls/Forest/Hut/Forest': No such file or directory

~/Garden
[mission 7] $ ls -A
.22009_coin_3  .52589_coin_2  .54328_coin_1  Flower_garden  Maze  Shed

~/Garden
[mission 7] $ mv .22009_coin_3 .52589_coin_2 .54328_coin_1 home/kali/Gameshell/Worls/Forest/Hut/Chest
mv: target 'home/kali/Gameshell/Worls/Forest/Hut/Chest': No such file or directory

~/Garden
[mission 7] $ mv .22009_coin_3 .52589_coin_2 .54328_coin_1 home/kali/gameshell/Worls/Forest/Hut/Chest
mv: target 'home/kali/gameshell/Worls/Forest/Hut/Chest': No such file or directory

~/Garden
[mission 7] $ mv .22009_coin_3 .52589_coin_2 .54328_coin_1 /home/kali/gameshell/Worls/Forest/Hut/Chest
mv: target '/home/kali/gameshell/Worls/Forest/Hut/Chest': No such file or directory

~/Garden
[mission 7] $ mv .22009_coin_3 .52589_coin_2 .54328_coin_1 /home/kali/gameshell/World/Forest/Hut/Chest

~/Garden
[mission 7] $ ls
Flower_garden  Maze  Shed

~/Garden
[mission 7] $ gsh check

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

In questa missione ho spostato le monete nascoste nella chest, per trovare i
file nascosti (quelli che iniziano con ".") ho usato il comando ls -A, anche qui ho
sbagliato più volte il percorso di destinazione.

Missione 8

```
~/Garden
[mission 8] $ cd

~
[mission 8] $ ls
Castle  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
10409_spider_43  11487_spider_31  13708_spider_3   15905_spider_21  18191_bat_4    21994_spider_11  26671_spider_14  28169_spider_18  32250_spider_46  5523_spider_36  7685_spider_13  barrel_of_apples
10472_bat_1      12006_bat_2      14517_spider_1   16173_spider_15  19397_spider_30  22226_spider_39  26731_spider_25  28169_spider_26  32628_spider_26  558_spider_41   8601_spider_47
10744_bat_3      12178_spider_19  14669_spider_24  16622_spider_33  19402_spider_9   22774_spider_32  26785_spider_44  28244_spider_17  3854_spider_29   6022_spider_50  878_spider_6
11166_spider_20  13139_spider_5   14841_spider_22  16681_spider_4   19970_spider_49  24593_spider_8   27796_spider_2   30254_spider_45  4191_spider_7    7447_spider_12  9538_spider_10
11475_bat_5      13608_spider_16  15521_spider_27  17585_spider_38  21916_spider_28  26129_spider_35  27955_spider_42  3039_spider_40   4420_spider_23   7632_spider_48  9768_spider_34

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

~/Castle/Cellar
[mission 8] $ ls
10472_bat_1  10744_bat_3  11475_bat_5  12006_bat_2  18191_bat_4  barrel_of_apples

~/Castle/Cellar
[mission 8] $ gsh check
Congratulations, mission 8 has been successfully completed!
```

Ho eliminato tanti file che contenevano la parola "spider" e per farlo più velocemente ho scritto "rm *spider*2", "*" sta per una qualsiasi sequenza di caratteri e "?" per un qualsiasi carattere.

Missione 9

```
~/Castle/Cellar
[mission 9] $ ls
10472_bat_1  10744_bat_3  11475_bat_5  12006_bat_2  18191_bat_4  barrel_of_apples

~/Castle/Cellar
[mission 9] $ ls -A
.10333_spider_8   .11943_spider_43  .13202_spider_37  .1779_spider_9   .18889_spider_10  .20728_spider_46  .24480_spider_12  .30510_spider_7   .3650_spider_36  .5355_spider_11  .8093_spider_18  .9229_spider_45  barrel_of_apples
10472_bat_1       .11973_spider_38  .13419_spider_1   .17927_spider_25  .18961_spider_49  .21015_spider_47  .24787_spider_33  .30563_spider_27  .4136_spider_14  .5362_spider_40  .8200_spider_32  .9317_spider_48
10744_bat_3       .11983_spider_19  .15034_spider_24  .17955_bat_3      .19388_spider_3   .22770_bat_5      .26881_spider_50  .3111_spider_2    .4144_spider_16  .5373_bat_1      .8358_spider_2   .9614_spider_23
.10916_spider_29  12006_bat_2       .15383_spider_20  .17978_spider_22  .19574_spider_28  .23220_spider_30  .27789_spider_41  .31414_spider_44  .4844_spider_17  .7002_spider_35  .8545_spider_26  .9674_spider_34
11475_bat_5       .12700_spider_39  .1774_spider_5    18191_bat_4       .19960_spider_13  .23984_spider_6   .29890_spider_4   .32357_spider_21  .5886_spider_15  .8062_bat_4      .8641_spider_42  .9800_spider_31

~/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
10472_bat_1  10744_bat_3  11475_bat_5  12006_bat_2  .17955_bat_3  18191_bat_4  .22770_bat_5  .5373_bat_1  .8062_bat_4  .8358_bat_2  barrel_of_apples

~/Castle/Cellar
[mission 9] $ gsh check
Congratulations, mission 9 has been successfully completed!
```

Ho eliminato i file "spider" nascosti, e per farlo ho scritto rm .*spider*, prima ho voluto provare ha eliminarli senza mettere il punto ma giustamente non funziona.

Missione 10

```
/ \
| | 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
[mission 10] $ ls
Cellar/  Great_hall/  Main_building/  Main_tower/  Observatory/

~/Castle
[mission 10] $ cd Great_hall/

~/Castle/Great_hall
[mission 10] $ ls
20890_decorative_shield  24939_stag_head  5792_suit_of_armour  standard_1  standard_2  standard_3  standard_4

~/Castle/Great_hall
[mission 10] $ cp standard_? /home/kali/gameshell/World/Forest/Hut/Chest

~/Castle/Great_hall
[mission 10] $ ls
20890_decorative_shield  24939_stag_head  5792_suit_of_armour  standard_1  standard_2  standard_3  standard_4

~/Castle/Great_hall
[mission 10] $ gsh check

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

Ho copiato una serie di file e spostati in un'altra directory con una riga, per farlo ho usato "cp standard_? /home/kali/gameshell/World/Forest/Hut/Chest", standard_? è il nome dei file, ho usato il punto interrogativo perché ci sono più file con lo stesso nome tranne l'ultimo carattere, poi ho scritto il percorso dove copiare i file.

Missione 11

```
Mission goal
=============

The tapestries in the castle's great hall are also particularly beautiful. Put a copy of each in your chest.

Useful commands
=============

cp FILE1 FILE2 ... FILEn DIRNAME
Copy the files to the directory.
Remark: ``cp`` is an abbreviation of "copy".

Shell patterns
=============

*
The "*" character stands in for any sequence of characters
(including an empty sequence).

?
The "?" character stands in for any single character.

~/Castle/Great_hall
[mission 11] $ ls
10596_tapestry_09  11974_stag_head    14054_suit_of_armour  15041_decorative_shield  25731_tapestry_01  38200_tapestry_02  938_tapestry_04  standard_2  standard_4
11392_tapestry_06  12722_tapestry_10  15004_tapestry_08     18599_tapestry_03        32097_tapestry_07  58328_tapestry_05  standard_1       standard_3

~/Castle/Great_hall
[mission 11] $ cp *tapestry* /home/kali/gameshell/World/Forest/Hut/Chest

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

Congratulations, mission 11 has been successfully completed!
```

Missione 12


```
~/Castle/Main_tower/First_floor
[mission 12] $ ls -l
total 16
-rw-r--r-- 1 kali kali 1455 Aug  8  1997 painting_fzfpcjUw
-rw-r--r-- 1 kali kali 1055 Jul  1  2018 painting_QYwMOmXd
-rw-r--r-- 1 kali kali 1503 Apr  5  1987 painting_vxBUkhMU
drwxr-xr-x 3 kali kali 4096 Apr 16 08:41 Second_floor/

~/Castle/Main_tower/First_floor
[mission 12] $ cp *_vx* /home/kali/gameshell/World/Forest/Hut/Chest

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

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

Missione 14


```
~/Castle/Main_tower/First_floor
[mission 14] $ la = ls-A
la: command not found

~/Castle/Main_tower/First_floor
[mission 14] $ alias la=ls -A
bash: alias: -A: not found

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

~/Castle/Main_tower/First_floor
[mission 14] $ la
.nice_rock  painting_fzfpcjUw  painting_QYwMOmXd  painting_vxBUkhMU  Second_floor/

~/Castle/Main_tower/First_floor
[mission 14] $ ls -A
.nice_rock  painting_fzfpcjUw  painting_QYwMOmXd  painting_vxBUkhMU  Second_floor/

~/Castle/Main_tower/First_floor
[mission 14] $ cat .nice_rock
                             Donovan Bake

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

Congratulations, mission 14 has been successfully completed!
```

Missione 15

```
~/Castle/Main_tower
[mission 15] $ cd -
/home/kali/gameshell/World/Forest/Hut/Chest

~/Forest/Hut/Chest
[mission 15] $ ls
10596_tapestry_09  12722_tapestry_10  18599_tapestry_03  32097_tapestry_07  58328_tapestry_05  coin_1  coin_3              standard_1  standard_3
11392_tapestry_06  15004_tapestry_08  25731_tapestry_01  38200_tapestry_02  938_tapestry_04    coin_2  painting_vxBUkhMU  standard_2  standard_4

~/Forest/Hut/Chest
[mission 15] $ cat journal.txt
cat: journal.txt: No such file or directory

~/Forest/Hut/Chest
[mission 15] $ touch journal.txt

~/Forest/Hut/Chest
[mission 15] $ ls
10596_tapestry_09  12722_tapestry_10  18599_tapestry_03  32097_tapestry_07  58328_tapestry_05  coin_1  coin_3              painting_vxBUkhMU  standard_2  standard_4
11392_tapestry_06  15004_tapestry_08  25731_tapestry_01  38200_tapestry_02  938_tapestry_04    coin_2  journal.txt  standard_1              standard_3

~/Forest/Hut/Chest
[mission 15] $ nano journal.txt

~/Forest/Hut/Chest
[mission 15] $ nano journal.txt

~/Forest/Hut/Chest
[mission 15] $ nano journal.txt

~/Forest/Hut/Chest
[mission 15] $ gsh check

Congratulations, mission 15 has been successfully completed!
```

Missione 16

```
~/Forest/Hut/Chest
[mission 16] $ alias file='nano /home/kali/gameshell/World/Forest/Hut/Chest/juorney.txt
> ls
> ^C

~/Forest/Hut/Chest
[mission 16] $ ls
10596_tapestry_09  12722_tapestry_10  18599_tapestry_03  32097_tapestry_07  58328_tapestry_05  coin_1  coin_3              painting_vxBUkhMU  standard_2  standard_4
11392_tapestry_06  15004_tapestry_08  25731_tapestry_01  38200_tapestry_02  938_tapestry_04    coin_2  journal.txt  standard_1              standard_3

~/Forest/Hut/Chest
[mission 16] $ alias file='nano /home/kali/gameshell/World/Forest/Hut/Chest/journal.txt'

~/Forest/Hut/Chest
[mission 16] $ file

~/Forest/Hut/Chest
[mission 16] $ gsh check
No alias 'journal' has been found ...

Sorry, mission 16 hasn't been completed.


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


~/Forest/Hut/Chest
[mission 16] $ alias journal='nano /home/kali/gameshell/World/Forest/Hut/Chest/journal.txt'

~/Forest/Hut/Chest
[mission 16] $ gsh check

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