S3L5 - Progetto

COMANDI SHELL LINUX

Missione 1

```
[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] $ cd Top_of_the_tower
[mission 1] $ ls
[mission 1] $ gsh check

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

Muoversi nelle varie directories con comando "cd" (change directory).

Missione 2

```
[mission 2] $ cd ..
[mission 2] $ cd ..
[mission 2] $ cd ..
[mission 2] $ ls
First_floor
[mission 2] $ cd ..
[mission 2] $ cd ..
[mission 2] $ ls
Castle  Forest  Garden  Mountain  Stall
[mission 2] $ cd Castle
[mission 2] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory
[mission 2] $ cd Cellar
[mission 2] $ ls
barrel_of_apples
[mission 2] $ cd barrel_of_apples
bash: cd: barrel_of_apples: Not a directory
[mission 2] $ gsh check

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

Utilizzare comando "cd .." per spostarsi alla directory parente; utilizzare comando "cd -" per spostarsi alla directory precedente.
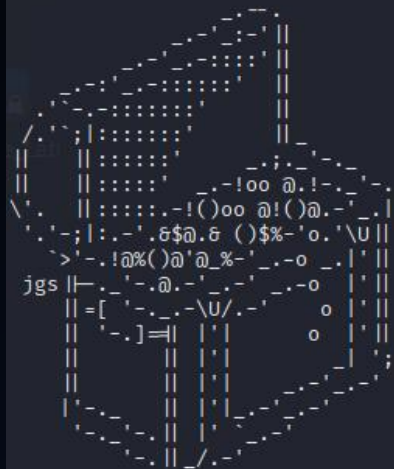
Missione 3

```
[mission 3] $ ls
Kings_quarter
[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.
```

Familiarizzare con path directory per spostarsi direttamente in una determinata directory.

Missione 4

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

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

~
[mission 4] $ cd Forest

~/Forest
[mission 4] $ mkdir Hut

~/Forest
[mission 4] $ cd Hut

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

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

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

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

Creazione nuove directory con comando "mkdir" (make directory).

Missione 5

```
~/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] $ gsh check

Congratulations, mission 5 has been successfully completed!
```

Comando *rm* (remove) per eliminare file in modo permanente.

Missione 6

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

~/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!


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

Comando *mv* (move) per spostare file da una directory a un'altra.

Missione 7

Comando ls –A (all) per visualizzare tutti i files in una directory, inclusi i file nascosti (.filenascosto).

```
~/Garden
[mission 7] $ ls -A
.110_coin_3   .59467_coin_2   .6790_coin_1   Flower_garden   Maze   Shed

~/Garden
[mission 7] $ mv .110_coin_3 .59467_coin_2 .6790_coin_1 ~/Forest/Hut/Chest

~/Garden
[mission 7] $ gsh check

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

Missione 8

Comando rm con carattere "*" per eliminare tutti i files con una determinata sequenza di caretteri

Es. *rm *spider** per eliminare tutti i files che includano la sequenza selezionata.

Il carattere "*" seguito da sequenze ci aiuta a "filtrare" i files per le nostre azioni.

```
~/Castle/Cellar
[mission 8] $ ls -A
10590_spider_44   16236_bat_3      23438_spider_12   29192_spider_42   6155_spider_1
10777_bat_1       16830_spider_16  23790_spider_35   29821_spider_43   6333_spider_2
110_spider_30     17864_spider_23  24705_spider_29   30148_spider_11   6377_spider_4
11228_spider_45   17976_spider_36  25882_spider_18   30175_spider_40   7845_spider_3
11361_spider_31   18234_spider_7   25949_spider_28   30486_spider_20   8488_spider_8
12188_spider_34   18915_spider_10  26962_spider_39   31150_spider_22   8920_spider_5
12301_spider_26   19388_spider_38  27021_spider_13   3116_spider_21    9553_bat_5
13512_spider_27   20083_bat_2      27106_spider_37   31259_spider_33   barrel_of_apples
13644_spider_9    2122_spider_50   27976_spider_6    32579_spider_48
15564_spider_41   21386_spider_49  2800_spider_32    5161_spider_47
15719_spider_14   2221_spider_19   28307_spider_46   527_spider_24
15996_bat_4       23073_spider_17  28511_spider_15   5931_spider_25

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

~/Castle/Cellar
[mission 8] $ ls -A
10777_bat_1   15996_bat_4   16236_bat_3   20083_bat_2   9553_bat_5   barrel_of_apples

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

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

Missione 9

```
~/Castle/Cellar
[mission 9] $ ls -A
.11290_spider_16  .18754_bat_2     .25152_spider_11  .31282_bat_4      .7571_spider_20
.11556_spider_29  .19621_spider_49 .25240_spider_33  .32420_spider_26  .8525_spider_4
.12409_spider_46  .20080_bat_3     .25952_spider_42  .32576_spider_5   .8667_spider_19
.12818_spider_7   .20719_spider_2  .26344_spider_8   .3294_spider_50   10777_bat_1
.13068_spider_13  .20893_spider_43 .27396_spider_15  .3563_spider_25   15996_bat_4
.13235_spider_45  .20974_spider_35 .27746_spider_21  .3610_spider_34   16236_bat_3
.15650_spider_40  .21196_spider_38 .28057_spider_36  .4218_spider_37   20083_bat_2
.16440_spider_12  .21298_spider_1  .28098_spider_10  .4563_spider_9    9553_bat_5
.16793_spider_47  .21444_spider_22 .28513_spider_32  .4968_spider_18   barrel_of_apples
.17056_spider_3   .22353_bat_5     .28634_spider_14  .6016_spider_24
.17257_spider_30  .24234_spider_23 .29095_spider_6   .719_spider_44
.17337_spider_27  .24601_spider_28 .29562_spider_31  .7287_spider_17
.18057_spider_48  .24841_bat_1     .30086_spider_39  .7435_spider_41

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

~/Castle/Cellar
[mission 9] $ ls -A
.18754_bat_2   .22353_bat_5   .31282_bat_4   15996_bat_4   20083_bat_2   barrel_of_apples
.20080_bat_3   .24841_bat_1   10777_bat_1    16236_bat_3   9553_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.
 '`-.-:::::::'    ||
   '`-.:::::::'   ||
```

Eliminare files nascosti con selezione di sequenza di caratteri.
Es. *rm .*spiders**

Missione 10

```
~/Castle/Cellar
[mission 10] $ cd

a_Lab
~
[mission 10] $ pwd
/home/giacomo/gameshell/World

~
[mission 10] $ cd Castle

~/Castle
[mission 10] $ cd Great_hall

~/Castle/Great_hall
[mission 10] $ ls
10596_suit_of_armour      8450_stag_head    standard_2   standard_4
57284_decorative_shield   standard_1        standard_3

~/Castle/Great_hall
[mission 10] $ cp standard_1 standard_2 standard_3 standard_4 ~/Forest/Hut/Chest

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

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

Creazione di una copia di files in da una cartella ad un'altra con comando "cp" (copy).