Esercizio 10-02

Traccia: installa e avvia GameShell e svolgi le missioni familiarizzando con i comandi da terminale

```
[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!
```

Primo livello con comandi cd, ls e pwd

```
~
[mission 5] $ ls
Castle  Forest  Garden  Mountain  Stall

~
[mission 5] $ cd 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!
```

Utilizzo del comando rm per rimuovere file da directory

```
~/Forest
[mission 7] $ mv .20665_coin_2 .35866_coin_1 .4457_coin_3
.20665_coin_2  .35866_coin_1  .4457_coin_3   Hut/

~/Forest
[mission 7] $ mv .20665_coin_2 .35866_coin_1 .4457_coin_3
.20665_coin_2  .35866_coin_1  .4457_coin_3   Hut/

~/Forest
[mission 7] $ mv .20665_coin_2 .35866_coin_1 .4457_coin_3 Hut

~/Forest
[mission 7] $ ls -A
Hut

~/Forest
[mission 7] $ cd Hut/

~/Forest/Hut
[mission 7] $ mv .20665_coin_2 .35866_coin_1 .4457_coin_3 Chest/

~/Forest/Hut
[mission 7] $ cd Chest/

~/Forest/Hut/Chest
[mission 7] $ ls -A
.20665_coin_2  .35866_coin_1  .4457_coin_3  coin_1  coin_2  coin_3

~/Forest/Hut/Chest
[mission 7] $ cd

~
[mission 7] $ gsh check

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

Utilizzo del comando Tab, Tab-Tab per completare più velocemente digitazione di directory e file di date opzioni

Utilizzo del comando "cp *_??" per copiare tutti i file con una specifico carattere in una specifica posizione

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

~/Castle/Great_hall
[mission 11] $ ls
11260_suit_of_armour   24927_tapestry_05   33328_tapestry_10   34195_tapestry_02   56301_tapestry_03   6534_tapestry_06      8635_tapestry_01   standard_2   standard_4
24803_tapestry_07      28363_stag_head     33503_tapestry_09   4381_tapestry_08    59326_tapestry_04   6736_decorative_shield   standard_1      standard_3

~/Castle/Great_hall
[mission 11] $ ls -A
11260_suit_of_armour   24927_tapestry_05   33328_tapestry_10   34195_tapestry_02   56301_tapestry_03   6534_tapestry_06      8635_tapestry_01   standard_2   standard_4
24803_tapestry_07      28363_stag_head     33503_tapestry_09   4381_tapestry_08    59326_tapestry_04   6736_decorative_shield   standard_1      standard_3

~/Castle/Great_hall
[mission 11] $ cp *_?? ~/Forest/Hut/Chest/

~/Castle/Great_hall
[mission 11] $ ls
11260_suit_of_armour   24927_tapestry_05   33328_tapestry_10   34195_tapestry_02   56301_tapestry_03   6534_tapestry_06      8635_tapestry_01   standard_2   standard_4
24803_tapestry_07      28363_stag_head     33503_tapestry_09   4381_tapestry_08    59326_tapestry_04   6736_decorative_shield   standard_1      standard_3

~/Castle/Great_hall
[mission 11] $ cd ~/Forest/Hut/Chest/

~/Forest/Hut/Chest
[mission 11] $ ls
24803_tapestry_07   33328_tapestry_10   34195_tapestry_02   56301_tapestry_03   6534_tapestry_06   coin_1   coin_3      standard_2   standard_4
24927_tapestry_05   33503_tapestry_09   4381_tapestry_08    59326_tapestry_04   8635_tapestry_01   coin_2   standard_1   standard_3

~/Forest/Hut/Chest
[mission 11] $ gsh check

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

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

~
[mission 14] $ la
.bashrc  Castle/  Forest/  Garden/  .lesshst  Mountain/  .nice_rock  Stall/

~
[mission 14] $ gsh check

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

Utilizzo del comando alias per la creazione di comandi personalizzati

```
        ├── 59594958dd592598f26128a829926e
        ├── 88a4b1fcb6702e2b37d669f005a
    ├── 896b6d699891464669d5d0ae4af3bb
        ├── 50a069008b4
        │   └── 00000_silver_coin_00000
        ├── dd4acaf5a67156c
        ├── fbf9c9f218d3e883fe70634cae
├── 79bf7e95
    ├── 5c519cce1f156c758da3dad2218
        ├── 5b7d51f2a5a4391dbf8ce620d6
        ├── dbdf292538ef2e
        ├── ef7f2b67
    ├── add1f5cfa4609fc876945784239333
        ├── 315f6f9c98e25f6b
        ├── 53dc4a23d682c26e4872d6
        ├── c0e431c8a8677d3
    ├── c947994096f4b8b466a667347d6cf
        ├── 41d99f69bf6fd8c98235c6443336
        ├── 64e383d16
        ├── 909d4ab4
├── e46f9d687b0362
    ├── 297905fefb1ed20d8
        ├── 4ee0dc04699539ddb895afd108c2
        ├── c9dc20657f1e3f5b7d0b46842e089
        ├── d0a70464774a78be1482a19
    ├── 3389e1216384adea77f
        ├── 4dc5620e15f71d21219
        ├── 4fa56be6568e17
        ├── 6673450650a26e33
    ├── aa3d0c96bde79b8c
        ├── 0edc5623b66d46eb09e
        ├── 31fb9debd67
        └── 53c4afa019c179b45e9a1244171

40 directories, 1 file

~/Garden/Maze
[mission 20] $ cd 5c6c47f478c47b/896b6d699891464669d5d0ae4af3bb/50a069008b4/

~/Garden/Maze/5c6c47f478c47b/896b6d699891464669d5d0ae4af3bb/50a069008b4
[mission 20] $ ls
00000_silver_coin_00000

~/Garden/Maze/5c6c47f478c47b/896b6d699891464669d5d0ae4af3bb/50a069008b4
[mission 20] $ mv 00000_silver_coin_00000 ~/Forest/Hut/Chest/

~/Garden/Maze/5c6c47f478c47b/896b6d699891464669d5d0ae4af3bb/50a069008b4
[mission 20] $ gc

Congratulations, mission 20 has been successfully completed!
```

Utilizzo comandi ls -R e tree per la visualizzazione di cartelle, sottocartelle e file contenuti

```
~/Garden/Maze
[mission 21] $ find .-iname "gold_coin"
find: '.-iname': No such file or directory
find: 'gold_coin': No such file or directory

~/Garden/Maze
[mission 21] $ find -iname "gold_coin"

~/Garden/Maze
[mission 21] $ find -iname "*gold*"
./91d5dbf5eb584579d71b/3a99ec5ff68e5bf461dfda0cec3/97bc63b7/gold_coin_1
./79cdc2942738d7fdfd4867fca/e61b807f/5afdaf48c47f56b04f790/GolD_CoiN_2

~/Garden/Maze
[mission 21] $ mv ./91d5dbf5eb584579d71b/3a99ec5ff68e5bf461dfda0cec3/97bc63b7/gold_coin_1 ~/Forest/Hut/Chest/

~/Garden/Maze
[mission 21] $ mv ./79cdc2942738d7fdfd4867fca/e61b807f/5afdaf48c47f56b04f790/GolD_CoiN_2 ~/Forest/Hut/Chest/

~/Garden/Maze
[mission 21] $ find -iname "*gold*"

~/Garden/Maze
[mission 21] $ gc

Congratulations, mission 21 has been successfully completed!
```

Utilizzo del comando find con l'ausilio di "*" per cercare il file dandogli delle "parole chiave"

```
~/Mountain/Cave/Book_of_potions
[mission 25] $ cd ..
~/Mountain/Cave
[mission 25] $ cat Book_of_potions/page_03 Book_of_potions/page_04|tail -n 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] $ gc

Congratulations, mission 25 has been successfully completed!
```

Concatenazione del comando cat con il comando tail utilizzando "|", pipe