PROGETTO DI FINE MODULO 2

GAMESHELL

```
[mission 1] $ ls
castle Forest Garden Mountain Stall ls
[mission 1] $ pwd
/home/kali/gameshell/World
[mission 1] $ cd /home/kali/World/Castle: No such file or directory
[mission 1] $ cd
[mission 1] $ pwd
/home/kali/gameshell/World
[mission 1] $ pwd
/home/kali/gameshell/World
[mission 1] $ pwd
/home/kali/gameshell/World/Castle
[mission 1] $ pwd
/home/kali/gameshell/World/Castle
[mission 1] $ pwd
/home/kali/gameshell/World/Castle
[mission 1] $ cd Main_tower
[mission 1] $ cd Main_tower
[mission 1] $ pwd
/home/kali/gameshell/World/Castle/Main_tower
[mission 1] $ for first_floor
[mission 1] $ cd First_floor
[mission 1] $ cd First_floor
[mission 1] $ cd First_floor
[mission 1] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor
[mission 1] $ cd First_floor
[mission 1] $ cd First_floor
[mission 1] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor/First_floor
[mission 1] $ cd Second_floor
[mission 1] $ cd First_floor
[mission 1] $ cd Firs
```

```
[mission 2] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor/Top_of_the_tower
[mission 2] $ cd -
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor
[mission 2] $ cd ..
[mission 2] $ pwd
/home/kali/gameshell/World/Castle/Main_tower/First_floor
[mission 2] $ cd ..
[mission 2] $ cd ..
[mission 2] $ cd cellar
bash: cd: cellar: No such file or directory
[mission 2] $ pwd
/home/kali/gameshell/World/Castle
[mission 2] $ pwd
/home/kali/gameshell/World/Castle
[mission 2] $ ls
Cellar Great_hall Main_building Main_tower Observatory
[mission 2] $ cd Cellar
[mission 2] $ gsh check
Congratulations, mission 2 has been successfully completed!
```

Creare la directory "Hut" nella foresta e al suo interno creare la directory "Chest"

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

Castle Forest Garden Mountain Stall ls

Cimission 4] $ cd Forest

-/Forest
[mission 4] $ ls

-/Forest
[mission 4] $ mkdir Hut

-/Forest
[mission 4] $ ls

-/Forest
[mission 4] $ ts

Hut

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

-/Forest/Hut
[mission 4] $ ls

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

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

MISSION 5

Rimuovi tutti i ragni dalle celle con rm

```
[mission 5] $ cd Castle

~/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

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

~/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!
```

```
~/Garden
[mission 6] $ ls
Chest 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!
```

MISSION 7

Controllare con il comando ls -A i file nascosti e spostarli nella Chest

```
~/Garden
[mission 7] $ mv .33823_coin_3 35286_coin_1 .8222_coin_2 ~/Forest/Hut/Chest
```

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

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

~/Forest/Hut/Chest
[mission 7] $ ls
coin_1 coin_2 coin_3

~/Forest/Hut/Chest
[mission 7] $ ls -A
.33823_coin_3 .35286_coin_1 .8222_coin_2 coin_1 coin_2 coin_3

~/Forest/Hut/Chest
[mission 7] $ gsh check

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

SBARAZZARSI DI TUTTI I RAGNI ALL'INTERNO DELLE CELLE

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



FARE UNA COPIA DEGLI "STANDARD" NELLA "CHEST"

```
-/Castle
[mission 10] $ ls
Cellar/ Great_hall/ Main_building/ Main_tower/ Observatory/

-/Castle
[mission 10] $ cd Great_hall
[mission 10] $ ls
5260_decorative_shield 56595_stag_head 59859_suit_of_armour standard_1 standard_2 standard_3 standard_4

-/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!
```

```
-/Castle/Main_tower/First_floor
[mission 13] $ cal 1984

January February March
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7 1 2 3 4
8 9 10 11 12 13 14 5 6 7 8 9 10 11 4 5 6 7 8 9 10
15 16 17 18 19 20 21 12 13 14 15 16 17 18 11 12 13 14 15 16 17
22 23 24 25 26 27 28 19 20 21 22 23 24 25 18 19 20 21 22 23 24
29 30 31 May June
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7 1 2 3 4 5
8 9 10 11 12 13 14 6 7 8 9 10 11 12 3 4 5 6 7 8 9
15 16 17 18 19 20 21 13 14 15 16 17 18 19 10 11 12 13 14 15 16
22 23 24 25 26 27 28 29 30 31 24 25 26 27 28 29 30

April Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7 1 2 3 4 5 6 7 8 9
15 16 17 18 19 20 21 13 14 15 16 17 18 19 10 11 12 13 14 15 16
22 23 24 25 26 27 28 29 30 31 24 25 26 27 28 29 30
```

```
~/Castle/Main_tower/First_floor
[mission 13] $ gsh check
What was the day of the week for the 04-14-1984?
    1 : Monday
    2 : Tuesday
    3 : Wednesday
    4 : Thursday
    5 : Friday
    6 : Saturday
    7 : Sunday
Your answer: 6
Congratulations, mission 13 has been successfully completed!
```

```
~/Forest/Hut/Chest
[mission 16] $ cat journal.txt
Questo gioco mi fa impazzire!
```

```
~/Forest/Hut/Chest
[mission 15] $ gsh check
Congratulations, mission 15 has been successfully completed!
```

```
-/Castle/Cellar
[mission 17] $ la
.17276_bat_5 .20302_bat_3 .26707_bat_4 .10427_bat_4 .23799_bat_2 .3163_bat_3
.1929_bat_2 .22425_bat_1 .Lair_of_the_spider_queen QTZdFBywkgNGBQRp lGoSnykZTXkZMxXi .22701_bat_5 .30044_bat_1 barrel_of_apples

-/Castle/Cellar
[mission 17] $ cd .Lair_of_the_spider_queen QTZdFBywkgNGBQRp lGoSnykZTXkZMxXi/

-/Castle/Cellar/.Lair_of_the_spider_queen QTZdFBywkgNGBQRp lGoSnykZTXkZMxXi
[mission 17] $ ls
RFZNJMuegXjKkalb_baby_bat_gnSClbvfeYAxuCYw oqjpqmYtRrFzoSgQ_spider_queen_kmFnmfCpoftqoDoF

-/Castle/Cellar/.Lair_of_the_spider_queen QTZdFBywkgNGBQRp lGoSnykZTXkZMxXi
[mission 17] $ rm oqjpqmYtRrFzoSgQ_spider_queen_kmFnmfCpoftqoDoF

-/Castle/Cellar/.Lair_of_the_spider_queen QTZdFBywkgNGBQRp lGoSnykZTXkZMxXi
[mission 17] $ gc
Perfect, it took you only 19 seconds to complete this mission!

Congratulations, mission 17 has been successfully completed!
```

```
~/Garden/Maze/a69d1b9847f60d547d9c7/2241f7c39c33/32585bcbe498
[mission 19] $ ls -la
drwxr-xr-x 2 kali kali 4096 Dec 16 16:00 .
drwxr-xr-x 4 kali kali 4096 Dec 16 16:00 ..
~/Garden/Maze/a69d1b9847f60d547d9c7/2241f7c39c33/32585bcbe498
[mission 19] $ cd../
bash: cd../: No such file or directory
~/Garden/Maze/a69d1b9847f60d547d9c7/2241f7c39c33/32585bcbe498
[mission 19] $ cd ../
~/Garden/Maze/a69d1b9847f60d547d9c7/2241f7c39c33
[mission 19] $ ls
32585bcbe498 bd374cef20e623ff47b47b68574b
~/Garden/Maze/a69d1b9847f60d547d9c7/2241f7c39c33
[mission 19] $ cd bd374cef20e623ff47b47b68574b/
~/Garden/Maze/a69d1b9847f60d547d9c7/2241f7c39c33/bd374cef20e623ff47b47b68574b
[mission 19] $ ls -la
total 12
drwxr-xr-x 2 kali kali 4096 Dec 16 16:00 .
drwxr-xr-x 4 kali kali 4096 Dec 16 16:00 ..
-rw-r--r- 1 kali kali 41 Dec 16 16:00 00000_copper_coin_00000
~/Garden/Maze/a69d1b9847f60d547d9c7/2241f7c39c33/bd374cef20e623ff47b47b68574b
[mission 19] $ mv 00000_copper_coin_00000 ~/Forest/Hut/Chest
 -/Garden/Maze/a69d1b9847f60d547d9c7/2241f7c39c33/bd374cef20e623ff47b47b68574b
[mission 19] $ gc
```

```
-/Garden/Maze/c39b19d71402b305e3be52e7/6e0925729c/62b2a2bdd9e27172e
[mission 20] $ ls -la
total 12
drwxr-xr-x 2 kali kali 4096 Dec 17 09:54 ./
drwxr-xr-x 5 kali kali 4096 Dec 17 09:54 ../
-rw-r-r-- 1 kali kali 41 Dec 17 09:54 00000_silver_coin_00000

-/Garden/Maze/c39b19d71402b305e3be52e7/6e0925729c/62b2a2bdd9e27172e
[mission 20] $ cd 00000_silver_coin_00000
bash: cd: 000000_silver_coin_00000: Not a directory

-/Garden/Maze/c39b19d71402b305e3be52e7/6e0925729c/62b2a2bdd9e27172e
[mission 20] $ ls -la
total 12
drwxr-xr-x 2 kali kali 4096 Dec 17 09:54 ./
drwxr-xr-x 5 kali kali 4096 Dec 17 09:54 ../
-rw-r-r-- 1 kali kali 41 Dec 17 09:54 00000_silver_coin_00000

-/Garden/Maze/c39b19d71402b305e3be52e7/6e0925729c/62b2a2bdd9e27172e
[mission 20] $ mv 00000_silver_coin_00000 ~/Forest/Hut/Chest

-/Garden/Maze/c39b19d71402b305e3be52e7/6e0925729c/62b2a2bdd9e27172e
[mission 20] $ gc

Congratulations, mission 20 has been successfully completed!

You are back at the entrance of the maze...
```

```
~/Garden/Maze
[mission 21] $ find ~ -iname *gol*
/home/kali/gameshell/World/Garden/Maze/5f3e55f39c5f4dde513cb2930e821aa/5f5e534b3678b373f427cd4cf3f9fb/4f82879045849cbf018935/GolD_CoiN_2
/home/kali/gameshell/World/Garden/Maze/4191ffe56cc8f/7056a1d738ddde6dcee926501dc/35cb8116151d3cfa7520d47/gold_coin_1

~/Garden/Maze
[mission 21] $ mv /home/kali/gameshell/World/Garden/Maze/5f3e55f39c5f4dde513cb2930e821aa/5f5e534b3678b373f427cd4cf3f9fb/4f82879045849cbf018935/GolD_CoiN_2 /home/k
ali/gameshell/World/Garden/Maze/4191ffe56cc8f/7056a1d738ddde6dcee926501dc/35cb8116151d3cfa7520d47/gold_coin_1 ~/Forest/Hut/Chest

~/Garden/Maze
[mission 21] $ gc

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

```
-/Mountain/Cave/Book_of_potions
[mission 22] $ cd ../

-/Mountain/Cave
[mission 22] $ head -6 page_07
head: cannot open 'page_07' for reading: No such file or directory

-/Mountain/Cave
[mission 22] $ ls
Book_of_potions/ servillus

-/Mountain/Cave
[mission 22] $ head -6 Book_of_potions/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] $ gc
Congratulations, mission 22 has been successfully completed!
```

```
-/Mountain/Cave/Book_of_potions
[mission 23] $ tail 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/Book_of_potions
[mission 23] $ cd ../

-/Mountain/Cave
[mission 23] $ tail -n 9 Book_of_potions/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] $ gc
Congratulations, mission 23 has been successfully completed!
```

```
-/Mountain/Cave
[mission 24] $ cat Book_of_potions/table_of_contents/page_1 Book_of_potions/table_of_contents/page_2: Not a directory
cat: Book_of_potions/table_of_contents/page_2: Not a directory

-/Mountain/Cave
[mission 24] $ cat Book_of_potions/page_01 Book_of_potions/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] $ gc
Congratulations, mission 24 has been successfully completed!
```

```
-/Mountain/Cave
[mission 25] $ cat Book_of_potions/page_03 cat Book_of_potions/page_04 | tail -n 16
cat: cat: No such file or directory
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
cat: cat: No such file or directory

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

```
~/Castle/Main_building/Library
[mission 30] $ gc
55 + 28 = ?? 83
29 + 9 = ?? 38
93 + 81 = ?? 174
5 + 51 = ?? 56
70 + 43 = ?? 113

Congratulations, mission 30 has been successfully completed!
```

MISSION 31

```
-/Castle/Main_building/Library/Merlin_s_office
[mission 32] $ ls grimoire_14989 grimoire_15858 grimoire_13092 grimoire_15688 grimoire_16859 grimoire_14022 grimoire_15554 grimoire_1100 grimoire_14022 grimoire_15554 grimoire_11100 grimoire_14106 grimoire_15554 grimoire_1355 grimoire_14112 grimoire_16564 grimoire_20971 grimoire_20971 grimoire_20973 grimoire_20974 grimoire_20973 grimoire_20973 grimoire_20974 grimoire_20974 grimoire_20975 gri
```

```
~/Castle/Main_building/Library/Merlin_s_office
[mission 33] $ grep -i -l "gsh" *grimoire* < /dev/null
grep: grimoire_AYWnfQQoEhaaPPvP: Permission denied
grep: grimoire_AYgcSiDpxovDChytZqQ: Permission denied
grimoire_AvwbwMCqtctWZCDR
```

```
grep: grimoire_dhwftFeJLvqCUqyMAWozFTILfIPhzOY: Permission denied
grep: grimoire_dymLlslPZmHyAmkcShlDOlJd: Permission denied
grep: grimoire_ehXFWadeRuFVlBvPtcwyQczuer: Permission denied
grep: grimoire_epDKhrtFnhnc: Permission denied
grep: grimoire_gOplNHVfUsGXBZxHUaxku: Permission denied
grep: grimoire_hfyiAxgRNMQWZKuNOLaCFrxo: Permission denied
grep: grimoire_iHztDZgeuLrYTgqgjfMahCuvaTEVBWC: Permission denied
grep: grimoire_lSDwgKHgsqcfBNQSkjdwYs: Permission denied
grep: grimoire_ltTFJJAHtdxDadXHJFpPapYC: Permission denied
grep: grimoire_lytsxCzuBoDOPNjkUVYrcyzrXiTMF: Permission denied
grep: grimoire_nMqhseknwkg: Permission denied
grep: grimoire_noGcnSVhezovsUXqtPvhzrKhaeaX: Permission denied
grep: grimoire_nwkQAGtjXjPZ: Permission denied
grep: grimoire_ozKRoYbONFGIPZvMUYPfsrkWVznUskY: Permission denied
grep: grimoire_pHYXlvDP: Permission denied
grep: grimoire_pzYFAQOAXtUJLCVmYgOYPv: Permission denied
grep: grimoire_qvOLqgaOMWhOOdcUrzQpwNhGv: Permission denied
grep: grimoire_rIiiCKHvGjrBWSqHuaYs: Permission denied
grep: grimoire_rSItGKtGlPyvkdjPeoASxVOFQXT: Permission denied
grep: grimoire_rkPHZuleSD: Permission denied
grep: grimoire_vtpWwlisvZYCwsIJFo: Permission denied
grep: grimoire_waSjAJGBNXRxUqOEOWpz: Permission denied
grep: grimoire_yePkIrCIoTHvQKAk: Permission denied
grep: grimoire_zTaGsRMFdpCjzbuqDojzFWKgHEqQ: Permission denied
grep: grimoire_zhFOIGKBUwnSOIgOAtczkVbcqRpLq: Permission denied
Congratulations, mission 33 has been successfully completed!
```

```
-/Castle/Observatory
[mission 34] $ ts -1
total 20
-rwxr-xr-x 1 kali kali 224 Dec 18 11:23 merlin
-rwxr-xr-x 1 kali kali 399 Dec 18 11:15 merlin_sdt_error.txt
-rw-r-r- 1 kali kali 201 Dec 18 11:122 merlin_stdt_error.txt
-rw-r-r- 1 kali kali 201 Dec 18 11:122 merlin_stdt_output.txt
-rw-r-r- 1 kali kali 23 Dec 18 11:123 star_chart
-/Castle/Observatory
[mission 34] $ cat merlin_stdt_output.txt
THESECRETKEYISONSTDERR
-/Castle/Observatory
[mission 34] $ ./merlin 2> merlin_sdt_error.txt
THESECRETKEYISONSTDERR
-/Castle/Observatory
[mission 34] $ cat merlin_sdt_error.txt
THESECRETKEYISONSTDERR
-/Castle/Observatory
[mission 34] $ at merlin_sdt_error.txt
fMzPSsnntezcIpyXWcbIzkYDERemyRlgdDwMCFnUJHmQemiXLHMZTwKuJqsqsebeyHcFaAywSBXKLWEoWKpNmNVnjZUASZOpySnOKRXDhpLJpKJkhWTsVYWOyDLEFYgxOmnYTJnHAFitcTFWNMgYsbdOecFpQxpemQ
MMYKXCIqSXonckJaJvalajdodzYLYhqJzbudtT
-/Castle/Observatory
[mission 34] $ gc * merlin_sdt_error.txt
What is the secret key?
Congratulations, mission 34 has been successfully completed!
```

```
-/Castle
[mission 35] $ ls

Cellar/ Great_hall/ Main_building/ Main_tower/ Observatory/

-/Castle
[mission 35] $ cd Main_building/

-/Castle/Main_building
[mission 35] $ ls

Library/ Throne_room/

-/Castle/Main_building
[mission 35] $ cd Throne_room/

-/Castle/Main_building/Throne_room
[mission 35] $ ls -la

total 12

drwxr-xr-x 3 kali kali 4096 Dec 16 07:00 ./
drwxr-xr-x 4 kali kali 4096 Dec 16 07:00 ./
drwxr-xr-x 4 kali kali 4096 Dec 16 07:00 ./
drwxr-xr-x 4 kali kali 4096 Dec 16 07:00 Kings_quarter/

-/Castle/Main_building/Throne_room
[mission 35] $ cd Kings_quarter/

bash: cd: Kings_quarter/: Permission denied

-/Castle/Main_building/Throne_room
[mission 35] $ chmod 777 Kings_quarter/

-/Castle/Main_building/Throne_room
[mission 35] $ cd Kings_quarter/

-/Castle/Main_building/Throne_room
[mission 35] $ cd Kings_quarter/

-/Castle/Main_building/Throne_room
[mission 35] $ cd Kings_quarter/

-/Castle/Main_building/Throne_room/Kings_quarter
[mission 35] $ gc

Congratulations, mission 35 has been successfully completed!
```

```
| OF INC. | 12 | Kall |
```