**Gabriele Di giampietro**                                              **Data 11/11/2022**


**Obbiettivo: Affrontare un gioco a livelli su linux per prendere mano con la piattaforma shell, il gioco in questione è appunto "Game shell"**

**Livelli superati: 24**

**Primo livello**

```
[mission 1] $ pwd
/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!
```

**Secondo livello**

```
[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] $ cd Cellar
[mission 2] $ ls
barrel_of_apples
[mission 2] $ gsh check

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

**Terzo livello**

```
[mission 3] $ cd
[mission 3] $ cd Castle/Main_building/Throne_room
[mission 3] $ gsh check

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

**Quarto livello**

```
~
[mission 4] $ cd Forest

~/Forest
[mission 4] $ mkdir 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!
```

## Quinto livello

```
~/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!
```

## Sesto livello

```
~/Garden
[mission 6] $ mv -v coin_1 coin_2 coin_3 ~/Forest/Hut/Chest/
renamed 'coin_1' → '/home/kali/gameshell/World/Forest/Hut/Chest/coin_1'
renamed 'coin_2' → '/home/kali/gameshell/World/Forest/Hut/Chest/coin_2'
renamed 'coin_3' → '/home/kali/gameshell/World/Forest/Hut/Chest/coin_3'

~/Garden
[mission 6] $ gsh check

Congratulations, mission 6 has been successfully completed!
```

## Settimo livello

```
~/Garden
[mission 7] $ ls -A
.21763_coin_2  .45438_coin_1  .56749_coin_3  Flower_garden  .gsh  Maze  Shed

~/Garden
[mission 7] $ mv -v .45438_coin_1 .21763_coin_2 .56749_coin_3 ~/Forest/Hut/Chest
renamed '.45438_coin_1' → '/home/kali/gameshell/World/Forest/Hut/Chest/.45438_coin_1'
renamed '.21763_coin_2' → '/home/kali/gameshell/World/Forest/Hut/Chest/.21763_coin_2'
renamed '.56749_coin_3' → '/home/kali/gameshell/World/Forest/Hut/Chest/.56749_coin_3'

~/Garden
[mission 7] $ gsh check

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

## Ottavo livello

```
~/Castle/Cellar
[mission 8] $ ls
10454_spider_28   14381_spider_45   2171
10857_spider_9    15196_spider_22   2179
11189_spider_8    18370_bat_3       2206
11833_spider_33   19606_spider_1    2286
13184_spider_37   19732_spider_49   2388
1428_bat_1        19777_spider_5    2396

~/Castle/Cellar
[mission 8] $ rm -v *_spider_*
removed '10454_spider_28'
```

```
removed '4874_spider_27'
removed '5549_spider_43'
removed '6184_spider_2'
removed '650_spider_41'
removed '8038_spider_7'
removed '8053_spider_39'
removed '8946_spider_30'
removed '9517_spider_48'
removed '9728_spider_35'
removed '9860_spider_4'
removed '9916_spider_20'
removed '9955_spider_42'

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

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

## Nono livello

```
~/Castle/Cellar
[mission 9] $ pwd
/home/kali/gameshell/World/Castle/Cellar

~/Castle/Cellar
[mission 9] $ rm -v *_spider_* .*_spider_*
/bin/rm: cannot remove '*_spider_*': No such file or directory
removed '.10778_spider_49'
removed '.10893_spider_16'
removed '.11618_spider_24'
```

```
removed '.9290_spider_13'
removed '.9295_spider_27'
removed '.9600_spider_42'
removed '.9844_spider_18'

~/Castle/Cellar
[mission 9] $ gsh check

Congratulations, mission 9 has been successfully completed!
```

## Decimo livello

```
~/Castle/Great_hall
[mission 10] $ cat standard_1
ae3adaccebec61650427fb1f3a8b20e4ede6ecd9@56988

~/Castle/Great_hall
[mission 10] $ cp -v standard_* ~/Forest/Hut/Chest/
'standard_1' → '/home/kali/gameshell/World/Forest/Hut/Chest/standard_1'
'standard_2' → '/home/kali/gameshell/World/Forest/Hut/Chest/standard_2'
'standard_3' → '/home/kali/gameshell/World/Forest/Hut/Chest/standard_3'
'standard_4' → '/home/kali/gameshell/World/Forest/Hut/Chest/standard_4'

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

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

## Undicesimo livello

```
~/Castle/Great_hall
[mission 11] $ cp -v *_tapestry_* ~/Forest/Hut/Chest/
'13270_tapestry_06' → '/home/kali/gameshell/World/Forest/Hut/Chest/13270_tapestry_06'
'1786_tapestry_10' → '/home/kali/gameshell/World/Forest/Hut/Chest/1786_tapestry_10'
'21160_tapestry_04' → '/home/kali/gameshell/World/Forest/Hut/Chest/21160_tapestry_04'
'22421_tapestry_03' → '/home/kali/gameshell/World/Forest/Hut/Chest/22421_tapestry_03'
'22556_tapestry_05' → '/home/kali/gameshell/World/Forest/Hut/Chest/22556_tapestry_05'
'31022_tapestry_07' → '/home/kali/gameshell/World/Forest/Hut/Chest/31022_tapestry_07'
'33662_tapestry_08' → '/home/kali/gameshell/World/Forest/Hut/Chest/33662_tapestry_08'
'36451_tapestry_02' → '/home/kali/gameshell/World/Forest/Hut/Chest/36451_tapestry_02'
'53435_tapestry_01' → '/home/kali/gameshell/World/Forest/Hut/Chest/53435_tapestry_01'
'63967_tapestry_09' → '/home/kali/gameshell/World/Forest/Hut/Chest/63967_tapestry_09'

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

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

## Dodicesimo livello

```
~/Castle/Main_tower/First_floor
[mission 12] $ ls -lh
total 16K
-rw-r--r-- 1 kali kali 1.5K Dec 20  2015 painting_LkoCnUbL
-rw-r--r-- 1 kali kali 1.5K Sep  2  2002 painting_OjfLjmZw
-rw-r--r-- 1 kali kali 1.1K Jun 14  1982 painting_SMQXFBdR
drwxr-xr-x 3 kali kali 4.0K Nov 11 05:06 Second_floor/

~/Castle/Main_tower/First_floor
[mission 12] $ cp painting_SMQXFBdR ~/Forest/Hut/Chest/

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

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

### Tredicesimo livello

```
~/Castle/Main_tower/First_floor
[mission 13] $ gsh check
What was the day of the week for the 07-26-1928?
  1 : Monday
  2 : Tuesday
  3 : Wednesday
  4 : Thursday
  5 : Friday
  6 : Saturday
  7 : Sunday
Your answer: 4

Congratulations, mission 13 has been successfully completed!
```

### Quattordicesimo livello

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

~/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!
```

### Quindicesimo livello

```
~/Castle/Main_tower/First_floor
[mission 15] $ nano ~/Forest/Hut/Chest/journal.txt

~/Castle/Main_tower/First_floor
[mission 15] $ gsh check

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

### Sedicesimo livello

```
~/Castle/Main_tower/First_floor
[mission 16] $ alias journal='nano ~/Forest/Hut/Chest/journal.txt'

~/Castle/Main_tower/First_floor
[mission 16] $ gsh check

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

## Diciassettesimo livello

```
~/Castle/Cellar
[mission 17] $ cd .Lair_of_the_spider_queen\ FleZumkHIIZYoXRF nnFUAYNsbLndWdxD/

~/Castle/Cellar/.Lair_of_the_spider_queen FleZumkHIIZYoXRF nnFUAYNsbLndWdxD
[mission 17] $ ls -A
PpUguoLXOtNyXAQH_baby_bat_wnzsjXsWwvhcDLdY   UeIsieeXuAbShnUq_spider_queen_HYcVAQapVcqETucx

~/Castle/Cellar/.Lair_of_the_spider_queen FleZumkHIIZYoXRF nnFUAYNsbLndWdxD
[mission 17] $ rm UeIsieeXuAbShnUq_spider_queen_HYcVAQapVcqETucx

~/Castle/Cellar/.Lair_of_the_spider_queen FleZumkHIIZYoXRF nnFUAYNsbLndWdxD
[mission 17] $ gsh check
Perfect, it took you only 20 seconds to complete this mission!

Congratulations, mission 17 has been successfully completed!

You are back in the cellar.
```

## Diciottesimo livello

```
~
[mission 18] $ xeyes
^C

~
[mission 18] $ xeyes &
[1] 112351

~
[mission 18] $ ^C

~
[mission 18] $ ^C

~
[mission 18] $ gsh check

Congratulations, mission 18 has been successfully completed!
```

## Diciannovesimo livello

```
drwxr-xr-x 2 kali kali 4.0K Nov 11 08:44 7bb3178928145b967a8011a5

~/Garden/Maze/29c738850d8/cd6b6ad453f68e9170b13e75
[mission 19] $ cd 75fd45a4/

~/Garden/Maze/29c738850d8/cd6b6ad453f68e9170b13e75/75fd45a4
[mission 19] $ ls -hl
total 4.0K
-rw-r--r-- 1 kali kali 41 Nov 11 08:44 OOOOO_copper_coin_OOOOO

~/Garden/Maze/29c738850d8/cd6b6ad453f68e9170b13e75/75fd45a4
[mission 19] $ mv OOOOO_copper_coin_OOOOO ~/Forest/Hut/Chest/

~/Garden/Maze/29c738850d8/cd6b6ad453f68e9170b13e75/75fd45a4
[mission 19] $ gsh check

Congratulations, mission 19 has been successfully completed!
```

## Ventesimo livello

```
~/Garden/Maze
[mission 20] $ tree
.
├── 1e9ea341d12ae4777fbcaff6a8c40bb
│   ├── c80eb10893bfcec77d0563386d6
│   │   ├── 218528a55f4ae2188a9d7a0172b
│   │   ├── 497c05164e6519
│   │   └── a42573e4d36372452d85c98c0
│   ├── ce1616a5d8fbe9dfafa812
│   │   ├── 7852521e
│   │   ├── 7ced2d54438bd6d6a67c14088569e2
│   │   └── b5215eddea5e
│   └── fbcc855102528b825ffcd7a4adce
│       ├── 07e272a6fc6f3
│       ├── 3f7d4ca4a8cfd1fe379aa587
│       └── 711fd474ae1
├── 8163272af
│   ├── 084457061f74f37e7476f1c91159df
│   │   ├── 69e250d566
│   │   ├── 7a8ae64bfd6aef3999e87e9
│   │   └── 7fcb9f33
│   ├── 1367189b9a94c170e6152810
│   │   ├── b6265a423
│   │   ├── c6bb800745a0bfd83cec2
│   │   └── e6d88d4da56ae0f662de8
│   └── 344006c87ac3630d84e
│       ├── 39dd618a409e992ec6
│       ├── b347043892
│       └── d613a6ef80d2e0d3d27788
│           └── 00000_silver_coin_00000
```

```
~/Garden/Maze/8163272af/344006c87ac3630d84e
[mission 20] $ cd d613a6ef80d2e0d3d27788/

~/Garden/Maze/8163272af/344006c87ac3630d84e/d613a6ef80d2e0d3d27788
[mission 20] $ ls
00000_silver_coin_00000

~/Garden/Maze/8163272af/344006c87ac3630d84e/d613a6ef80d2e0d3d27788
[mission 20] $ mv 00000_silver_coin_00000 ~/Forest/Hut/Chest/

~/Garden/Maze/8163272af/344006c87ac3630d84e/d613a6ef80d2e0d3d27788
[mission 20] $ gsh check

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

## Ventunesimo livello

```
~/Garden/Maze
[mission 21] $ find -name *gold*
./56d5806a629f6d1dafec79c9b88/0304bc0dffe05/3a0a11b156087159208/gold_coin_1

~/Garden/Maze
[mission 21] $ find -type f -iname *gold*
./72cc14684f3f7fdaa46189cac318e9/b56af5aed6a730b26/1560d3e1b14d625f937d42d/GolD_CoiN_2
./56d5806a629f6d1dafec79c9b88/0304bc0dffe05/3a0a11b156087159208/gold_coin_1

~/Garden/Maze
[mission 21] $ mv */*/*/*gold* ~/Forest/Hut/Chest/

~/Garden/Maze
[mission 21] $ mv */*/*/*GolD* ~/Forest/Hut/Chest/

~/Garden/Maze
[mission 21] $ gsh check

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

## Ventiduesimo livello

```
~/Mountain/Cave
[mission 22] $ ls
Book_of_potions/  page_07  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] $ gsh check

Congratulations, mission 22 has been successfully completed!


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

## Ventitreesimo livello

```
~/Mountain/Cave
[mission 23] $ tail -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.  |
--+-------------------------------------+--
    |                                       |
```

**Ventiquattresimo livello**

```
~/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

Congratulations, mission 24 has been successfully completed!
```