

Esercizio S3L2

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SCOPO: Installare ed eseguire un gioco su Kali Linux per familiarizzare con i comandi della shell

1) Download e installazione:

Per scaricare il gioco serve la connessione internet quindi bisogna impostare la macchina virtuale in NAT, una volta fatto questo si avvia la macchina e seguendo i comandi suggeriti si scarica ed installa il gioco.

Una volta installato correttamente si avvia con “ bash gameshell.sh”

2) Il gioco:

Il gioco è strutturato il più missioni da eseguire per poter accedere a quella successiva

- Missione 1

Si tratta di raggiungere la cima della prima torre, con una serie di comandi di tipo “cd” e “ls” è stato possibile scalare i vari passaggi

```
[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
Castle Forest Garden Mountain Stall

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd Castle

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
Cellar Great_hall Main_building Main_tower Observatory

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd Main_tower

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
First_floor

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd First_floor

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
Second_floor

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd Second_floor

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
Top_of_the_tower

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd Top_of_the_tower

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls

[use 'gsh help' to get a list of available commands]
[mission 1] $ gsh check

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

- Missione 2

Bisogna arrivare alla cantina, con una serie di comandi “cd ..” o “cd -” si torna indietro e poi si raggiunge la cantina

```
[use 'gsh help' to get a list of available commands]
[mission 2] $ ls
Castle  Forest  Garden  Mountain  Stall

[use 'gsh help' to get a list of available commands]
[mission 2] $ cd Castle

[use 'gsh help' to get a list of available commands]
[mission 2] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory

[use 'gsh help' to get a list of available commands]
[mission 2] $ cd Cellar

[use 'gsh help' to get a list of available commands]
[mission 2] $ ls
barrel_of_apples

[use 'gsh help' to get a list of available commands]
[mission 2] $ gsh check
```

- Missione 3

Andare al trono con solo due comandi, dopo averlo cercato e trovato si torna all'inizio con “cd” e si scrive il percorso da seguire in un unico comando

```
[use 'gsh help' to get a list of available commands]
[mission 3] $ cd

[use 'gsh help' to get a list of available commands]
[mission 3] $ cd Castle/Main_building/Throne_room

[use 'gsh help' to get a list of available commands]
[mission 3] $ gsh check

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

- Missione 4

Si tratta di creare cartelle utilizzando “mkdir”

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

~
[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!
```

- Missione 5

Si tratta di una missione per imparare l'utilizzo del comando "rm"

```
~/Forest/Hut
[mission 5] $ cd

~
[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 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!
```

- Missione 6

Si tratta di muovere dei file da una cartella all'altra usando il comando "mv" in questo caso bisogna anche specificare il percorso di destinazione

```
~/Castle/Cellar
[mission 6] $ cd

~
[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 Chest
mv: target 'Chest': No such file or directory

~/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!
```

- Missione 7

Qui si usa il comando "ls -A" per trovare gli oggetti nascosti e "Tab" per scrivere più velocemente

```
~/Garden
[mission 7] $ ls -A
.19466_coin_3 .39527_coin_1 .53821_coin_2 Flower_garden Maze Shed

~/Garden
[mission 7] $ mv .
./ .. / .19466_coin_3 .39527_coin_1 .53821_coin_2

~/Garden
[mission 7] $ mv .19466_coin_3 .39527_coin_1 .53821_coin_2 ~/Forest/Hut/Chest

~/Garden
[mission 7] $ gsh check

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

- Missione 8

Come missione bisogna rimuovere vari file con un solo comando

```
~/Castle/Cellar
[mission 8] $ rm *spider*
+
~/Castle/Cellar
[mission 8] $ ls
11903_bat_3 20605_bat_1 22571_bat_2 31328_bat_5 4547_bat_4 barrel_of_apples

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

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

- Missione 9

Qui bisogna rimuovere i file nascosti

```
~/Castle/Cellar
[mission 9] $ ls -A
.10231_spider_33 .11222_spider_49 .13719_spider_1 .1643_spider_46 .20831_spider_48
.10531_spider_32 .12447_spider_26 .14264_spider_5 .19165_spider_31 .21453_spider_3
.10818_spider_2 .12548_spider_50 .14750_spider_15 .19171_spider_14 .22171_spider_18
.11048_spider_35 .13394_spider_39 .15563_spider_19 .19719_spider_20 .22297_spider_44
.11187_bat_5 .13594_bat_1 .15872_spider_30 .20163_bat_3 .23299_spider_38

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

~/Castle/Cellar
[mission 9] $ ls -A
.11187_bat_5 .13594_bat_1 .20163_bat_3 .5356_bat_4 .8546_bat_2

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

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

- Missione 10

Infine questa missione chiedeva di copiare dei file da una cartella ad un'altra con il comando "cp"

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

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

~/Castle
[mission 10] $ cd Great_hall/

~/Castle/Great_hall
[mission 10] $ ls
33971_decorative_shield 60917_suit_of_armour 62226_stag_head standard_1 standard_2 standard_3 standard_4

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

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

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

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

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

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

In seguito sono state fatte altre missioni proseguendo con il gioco