MISSION 2

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

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

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

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

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

[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] $ gsh check

Congratulations, mission 2 has been successfully completed!


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

[mission 3] $ █
```

MISSION 3

```
[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!
```

MISSION 4

```
~/Castle/Main_building/Throne_room
[mission 4] $ ls
Kings_quarter

~/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] $ gsh check

Congratulations, mission 4 has been successfully completed!
```
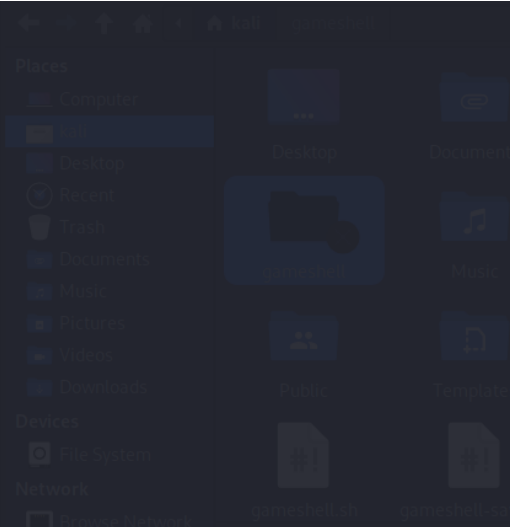
MISSION 5

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

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

~
[mission 5] $ cd Castle/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!
```

MISSION 6

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

~
[mission 6] $ cd Castle/Garden
bash: cd: Castle/Garden: No such file or directory

~
[mission 6] $ cd Castle

~/Castle
[mission 6] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory

~/Castle
[mission 6] $ cd ..

~
[mission 6] $ ls
Castle  Forest  Garden  Mountain  Stall

~
[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 ^C

~/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

```
~/Garden
[mission 7] $ ls -A
.32242_coin_2  .47768_coin_1  .58860_coin_3  Flower_garden  Maze  Shed

~/Garden
[mission 7] $ mv .32242_coin_2 .47768_coin_1 .58860_coin_3 ~/Forest/Hut/Chest

~/Garden
[mission 7] $ gsh check

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

MISSION 8

```
~/Garden
[mission 8] $ cd

~
[mission 8] $ ls
Castle  Forest  Garden  Mountain  Stall

~
[mission 8] $ cd Castle/Cellar

~/Castle/Cellar
[mission 8] $ ls
11836_spider_38  15834_spider_45  18210_spider_39  19838_spider_49  21454_spider_44  24084_spider_12  24689_spider_3   28430_spider_23  32131_spider_2   4031_spider_28  6859_spider_46  barrel_of_apples
13183_spider_34  16692_spider_8   18373_spider_21  20029_spider_43  21674_spider_7   2418_spider_50   25264_spider_40  29281_spider_18  32418_spider_15  4143_spider_47  7769_spider_29
13249_spider_48  17409_spider_35  1891_spider_16   20052_spider_6   2296_spider_33   24234_spider_5   25457_spider_17  31318_spider_11  32700_bat_2      5173_spider_4   8061_spider_10
14148_spider_26  17512_spider_1   19531_spider_9   20140_bat_1      23071_spider_14  24351_spider_27  28045_spider_25  31714_spider_37  3987_spider_32   60_spider_31    8183_spider_13
14552_spider_19  17594_bat_3      19571_bat_4      21177_spider_24  23468_spider_22  2465_spider_30   20322_spider_41  32120_spider_42  399_bat_5        6357_spider_20  9292_spider_36

~/Castle/Cellar
[mission 8] $ ls -a
.                14148_spider_26  17512_spider_1   19531_spider_9   20140_bat_1      23071_spider_14  24351_spider_27  28045_spider_25  31714_spider_37  3987_spider_32  60_spider_31   8183_spider_13
..               14552_spider_19  17594_bat_3      19571_bat_4      21177_spider_24  23468_spider_22  2465_spider_30   28322_spider_41  32120_spider_42  399_bat_5       6357_spider_20  9292_spider_36
11836_spider_38  15834_spider_45  18210_spider_39  19838_spider_49  21454_spider_44  24084_spider_12  24689_spider_3   29281_spider_18  32418_spider_15  4143_spider_47  7769_spider_29  barrel_of_apples
13183_spider_34  16692_spider_8   18373_spider_21  20029_spider_43  21674_spider_7   2418_spider_50   25264_spider_40  29281_spider_18  32418_spider_15  4143_spider_47  7769_spider_29
13249_spider_48  17409_spider_35  1891_spider_16   20052_spider_6   2296_spider_33   24234_spider_5   25457_spider_17  31318_spider_11  32700_bat_2      5173_spider_4   8061_spider_10

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

~/Castle/Cellar
[mission 8] $ ls -a
.  ..  17594_bat_3  19571_bat_4  20140_bat_1  32700_bat_2  399_bat_5  barrel_of_apples

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

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

MISSION 9

```
~/Castle/Cellar
[mission 9] $ ls -a
.               .12052_bat_5     .15399_spider_32  .19460_bat_4      .21565_spider_6   .23918_spider_48  .26965_spider_23  .28032_spider_19  .31500_spider_45  .3870_spider_28  .4772_spider_43  .6623_bat_3      .785_spider_34
..              .12457_spider_12 .1574_spider_26   19571_bat_4       .2162_spider_11   .24269_spider_16  .27208_spider_21  .28593_spider_47  .32400_spider_8   399_bat_5        .4986_spider_17  .6795_spider_9   .9735_bat_2
.10348_spider_44 .1252_bat_1     .17214_spider_20  20140_bat_1       .22081_spider_50  .2459_spider_42   .27354_spider_40  .29097_spider_41  .32592_spider_13  .4592_spider_10  .4986_spider_39  .7190_spider_35  barrel_of_apples
.10766_spider_4  .12841_spider_15 17594_bat_3      .20794_spider_33  .22489_spider_31  .24814_spider_38  .27407_spider_5   .30391_spider_2   32700_bat_2      .4702_spider_14  .5469_spider_25  .7663_spider_30
.12038_spider_24 .15397_spider_36 .18010_spider_29 .21552_spider_22  .23458_spider_18  .25624_spider_46  .27961_spider_49  .31197_spider_1   .3669_spider_37   .4707_spider_3   .6606_spider_7   .7796_spider_27

~/Castle/Cellar
[mission 9] $ rm ?.*spider*
rm: cannot remove '?.*spider*': No such file or directory

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

~/Castle/Cellar
[mission 9] $ ls
17594_bat_3  19571_bat_4  20140_bat_1  32700_bat_2  399_bat_5  barrel_of_apples

~/Castle/Cellar
[mission 9] $ ls -a
.  ..  .12052_bat_5  .1252_bat_1  17594_bat_3  .19460_bat_4  19571_bat_4  20140_bat_1  32700_bat_2  399_bat_5  .6623_bat_3  .9735_bat_2  barrel_of_apples

~/Castle/Cellar
[mission 9] $
```

MISSION 10

```
~/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
23948_suit_of_armour  42877_decorative_shield  56060_stag_head  standard_1  standard_2  standard_3  standard_4

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

~/Castle/Great_hall
[mission 10] $ ls
23948_suit_of_armour  42877_decorative_shield  56060_stag_head  standard_1  standard_2  standard_3  standard_4

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

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

MISSION 11

```
~/Castle/Great_hall
[mission 11] $ ls
1000_tapestry_07   15975_tapestry_05  31531_tapestry_01        42139_stag_head    46220_tapestry_08  50018_tapestry_04  61661_suit_of_armour  standard_2  standard_4
13040_tapestry_10  15994_tapestry_06  41743_decorative_shield  43843_tapestry_09  49897_tapestry_03  52228_tapestry_02  standard_1            standard_3

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

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

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

MISSION 12

```
~
[mission 12] $ cd Castle/Main_tower/First_floor

~/Castle/Main_tower/First_floor
[mission 12] $ ls -l
total 16
-rw-r--r-- 1 kali kali 1503 Jan  6  2018 painting_CUnWfyRd
-rw-r--r-- 1 kali kali 1455 Jul  2  1981 painting_nadDYFdx
-rw-r--r-- 1 kali kali 1054 Sep 27  1997 painting_yNcdMYFl
drwxr-xr-x 3 kali kali 4096 Jun 29 11:08 Second_floor/

~/Castle/Main_tower/First_floor
[mission 12] $ cat painting_nadDYFdx
8e6a4fcfa229d823bb2968c76259e60e5a3ccd49@41571
/ \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \
\ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ / \ /
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\ /     /=\ /=\ /=\      | | |     Simon Jansen         \ /
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~/Castle/Main_tower/First_floor
[mission 12] $ cp painting_nadDYFdx ~/Forest/Hut/Chest

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

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

MISSION 13

```
~/Castle/Main_tower/First_floor
[mission 13] $ cal 2008
                            2008
      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                   1  2                      1
 6  7  8  9 10 11 12    3  4  5  6  7  8  9    2  3  4  5  6  7  8
13 14 15 16 17 18 19   10 11 12 13 14 15 16    9 10 11 12 13 14 15
20 21 22 23 24 25 26   17 18 19 20 21 22 23   16 17 18 19 20 21 22
27 28 29 30 31         24 25 26 27 28 29      23 24 25 26 27 28 29
                                              30 31

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

       July                  August               September
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                   1  2       1  2  3  4  5  6
 6  7  8  9 10 11 12    3  4  5  6  7  8  9    7  8  9 10 11 12 13
13 14 15 16 17 18 19   10 11 12 13 14 15 16   14 15 16 17 18 19 20
20 21 22 23 24 25 26   17 18 19 20 21 22 23   21 22 23 24 25 26 27
27 28 29 30 31         24 25 26 27 28 29 30   28 29 30
                       31

      October               November               December
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                      1       1  2  3  4  5  6
 5  6  7  8  9 10 11    2  3  4  5  6  7  8    7  8  9 10 11 12 13
12 13 14 15 16 17 18    9 10 11 12 13 14 15   14 15 16 17 18 19 20
19 20 21 22 23 24 25   16 17 18 19 20 21 22   21 22 23 24 25 26 27
26 27 28 29 30 31      23 24 25 26 27 28 29   28 29 30 31
                       30

~/Castle/Main_tower/First_floor
[mission 13] $ gsh check
What was the day of the week for the 12-15-2008?
  1 : Monday
  2 : Tuesday
  3 : Wednesday
  4 : Thursday
  5 : Friday
  6 : Saturday
  7 : Sunday
Your answer: 1

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

MISSION 14

```
~/Castle/Main_tower/First_floor
[mission 14] $ alias la="ls -A"

~/Castle/Main_tower/First_floor
[mission 14] $ la
.nice_rock  painting_CUnWfyRd  painting_nadDYFdx  painting_yNcdMYFl  Second_floor/

~/Castle/Main_tower/First_floor
[mission 14] $ gsh check

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

MISSION 15 (spostato alla fine il file nella directory richiesta, ho per sbaglio salvato dentro la directory corrente)

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

~/Castle/Main_tower/First_floor
[mission 15] $ la
journal.txt  .nice_rock  painting_CUnWfyRd  painting_nadDYFdx  painting_yNcdMYFl  Second_floor/

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

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

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

MISSION 16

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

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

MISSION 17

```
~/Castle/Cellar
[mission 17] $ cd .Lair_of_the_spider_queen\ lvRbnMKESBXoFicf URZghsXcpfLNNmlz/

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 17] $ la
dqxUPkhjnEUNnBqD_spider_queen_JBZgPWdMigvxrTQX  JJsyLgLbiMxWpSTe_baby_bat_EFvdOTFopcyyReER

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 17] $ rm dqxUPkhjnEUNnBqD_spider_queen_JBZgPWdMigvxrTQX

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

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

MISSION 18

```
~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 18] $ xeyes
^C

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 18] $ xeyes &
[1] 74227

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 18] $ ^C^C

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 18] $ ^C

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 18] $ ^C

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 18] $ ^C

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 18] $ ^C

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 18] $ gsh check
Congratulations, mission 18 has been successfully completed!
```

MISSION 19

```
~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 19] $ mv /home/kali/gameshell/World/Garden/Maze/f47c1e68567511f055c966124901bc/29e643552862d53deeb19f9/90998168027f719/00000_copper_coin_00000.txt ~/Forest/Hut/Chest
mv: cannot stat '/home/kali/gameshell/World/Garden/Maze/f47c1e68567511f055c966124901bc/29e643552862d53deeb19f9/90998168027f719/00000_copper_coin_00000.txt': No such file or directory

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 19] $ mv /home/kali/gameshell/World/Garden/Maze/f47c1e68567511f055c966124901bc/29e643552862d53deeb19f9/90998168027f719/00000_copper_coin_00000 ~/Forest/Hut/Chest

~/Castle/Cellar/.Lair_of_the_spider_queen lvRbnMKESBXoFicf URZghsXcpfLNNmlz
[mission 19] $ gsh check

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

MISSION 20

```
~/Garden/Maze
[mission 20] $ mv /home/kali/gameshell/World/Garden/Maze/2a3d8362dd8de1a19df4e32ad/019690a5dadcd9febd7bffff18fa0/c0f8dc39f/00000_silver_coin_00000 ~/Forest/Hut/Chest

~/Garden/Maze
[mission 20] $ gsh check

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

MISSION 21

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

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

MISSION 22

```
~/Mountain/Cave
[mission 22] $ head -n 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!
```

MISSION 23

```
~/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] $ gsh check

Congratulations, mission 23 has been successfully completed!
```

MISSION 24

```
~/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] $ gsh check

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

MISSION 25

```
~/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] $ gsh check

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

MISSION 26

```
~/Mountain/Cave
[mission 26] $ head -n 6 Book_of_potions/page_13 | tail -n 3
1) Boil water in a big pot.
2) Condense the vapor in a fresh container.
3) Add minerals for a better taste (optional).

~/Mountain/Cave
[mission 26] $ gsh check

Congratulations, mission 26 has been successfully completed!
```

MISSION 27

```
~/Mountain/Cave
[mission 27] $ kill
    *#@*
  &_**/~
   !$-#

131903

~/Mountain/Cave
[mission 27] $ gsh check

Congratulations, mission 27 has been successfully completed!
```

MISSION 28

```
~/Mountain/Cave
[mission 28] $ kill -9
        *#@*
      &_**/~
       !$-#

140392

~/Mountain/Cave
[mission 28] $ ghs check
Command 'ghs' not found, did you mean:
  command 'gs' from deb ghostscript
  command 'gjs' from deb gjs
  command 'gss' from deb libgss-dev
  command 'ghb' from deb handbrake
  command 'ghc' from deb ghc
  command 'gh' from deb gh
Try: sudo apt install <deb name>

~/Mountain/Cave
[mission 28] $ gsh check

Congratulations, mission 28 has been successfully completed!
```

MISSION 29

```
~/Castle/Cellar
[mission 29] $ gsh check

Congratulations, mission 29 has been successfully completed!
```

MISSION 30

```
~/Castle/Cellar
[mission 30] $ gsh check
89 + 62 = ?? 151
11 + 17 = ?? 28
17 + 56 = ?? 73
82 + 84 = ?? 166
91 + 26 = ?? 117

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

MISSION 31

```
~/Castle/Main_building/Library
[mission 31] $ gsh check < Mathematics_101
49 * 33 = ?? 33 * 24 = ?? 40 * 4 = ?? 37 * 81 = ?? 1 * 14 = ?? 32 * 64 = ?? 24 * 57 = ?? 46 * 90 = ?? 1 * 55 = ?? 2 * 71 = ?? 45 * 34 = ?? 29 * 7 = ?? 34 * 80 = ?? 27 * 62 = ?? 92 * 88 = ?? 40 * 25 = ?? 94 * 95 = ?? 86 * 14 = ?? 67 * 4
 = ?? 74 * 52 = ?? 83 * 78 = ?? 11 * 83 = ?? 92 * 85 = ?? 23 * 62 = ?? 10 * 88 = ?? 99 * 71 = ?? 31 * 29 = ?? 95 * 93 = ?? 21 * 43 = ?? 54 * 93 = ?? 51 * 34 = ?? 97 * 28 = ?? 79 * 34 = ?? 14 * 85 = ?? 91 * 48 = ?? 28 * 96 = ?? 21 * 57
 = ?? 8 * 92 = ?? 75 * 30 = ?? 12 * 100 = ?? 26 * 52 = ?? 63 * 8 = ?? 27 * 13 = ?? 99 * 29 = ?? 97 * 68 = ?? 80 * 31 = ?? 16 * 61 = ?? 96 * 18 = ?? 90 * 38 = ?? 80 * 57 = ?? 33 * 22 = ?? 65 * 56 = ?? 94 * 4 = ?? 55 * 69 = ?? 22 * 41 = ?
? 78 * 69 = ?? 86 * 71 = ?? 77 * 33 = ?? 71 * 25 = ?? 85 * 52 = ?? 9 * 75 = ?? 34 * 5 = ?? 27 * 54 = ?? 55 * 95 = ?? 98 * 94 = ?? 50 * 38 = ?? 78 * 50 = ?? 2 * 63 = ?? 88 * 60 = ?? 17 * 55 = ?? 40 * 67 = ?? 46 * 23 = ?? 13 * 28 = ?? 64
 * 61 = ?? 48 * 54 = ?? 73 * 10 = ?? 3 * 25 = ?? 96 * 65 = ?? 7 * 7 = ?? 53 * 59 = ?? 2 * 3 = ?? 34 * 7 = ?? 70 * 32 = ?? 96 * 6 = ?? 40 * 57 = ?? 100 * 29 = ?? 88 * 74 = ?? 11 * 20 = ?? 69 * 66 = ?? 90 * 80 = ?? 2 * 60 = ?? 88 * 48 =
 ?? 78 * 86 = ?? 63 * 40 = ?? 18 * 70 = ?? 57 * 25 = ?? 89 * 37 = ?? 35 * 23 = ?? 78 * 91 = ?? 12 * 91 = ??
Congratulations, mission 31 has been successfully completed!
```

MISSION 32

```
~/Castle/Main_building/Library/Merlin_s_office
[mission 32] $ ls grimoire* > Drawer/inventory.txt

~/Castle/Main_building/Library/Merlin_s_office
[mission 32] $ gsh check

Congratulations, mission 32 has been successfully completed!
```

MISSION 33

```
~/Castle/Main_building/Library/Merlin_s_office
[mission 33] $ grep -il 'gsh' ./* 2>&1 | grep -v "Permission denied" | grep -v "grep" | sed 's|^\./||'
grimoire_AysgQBFqJzlgG
grimoire_BVBRUzWiDWzifLHGXmSZm
grimoire_ccqqLOVqSSmVfyAFKkapBAnl
grimoire_CdmDobnfrTq
grimoire_DAFFQxkhpxhHkYGkPJLeVXrJOuUaC
grimoire_DHnXcyrlQTICMdMRwatNMMHCBVB
grimoire_eCFpCABYTLnYkoaxH
grimoire_efRQjRTuSKNiViYTKsC
grimoire_FQhUxTEkQLGQIpYeL
grimoire_FyUilXZOebFpbwiBddZF
grimoire_gdAsygnk
grimoire_gMlLRPxOkLNbmZne
grimoire_gqkHDXtyxyJMXabEMJaISpDjeSqHm
grimoire_HJqQhEmcDGKtxeGJcq
grimoire_JtHCzcUEiTgaFJgjuhFpLFXJ
grimoire_KjEDiAaloTjbSrokYxbcA
grimoire_KTDbtjfNMPDt
grimoire_QubmDULNmCgkMBsl
grimoire_rMPMRtVahMNrG
grimoire_SyeNoQGzdYTvVVTSkq
grimoire_vemuZNcJERRLqFrPomSZcN
grimoire_WMlpTHTV
grimoire_wuMQqoqOvByTtmyNkkGxYiJcay
grimoire_xdTYCrqDwKT
grimoire_ycQRKRtRSoDfCSFPIRsgXFAXNo
grimoire_YWvfQxsUpBVLWyFTkYTS
grimoire_zDppsAAeUdDPMzFbc

~/Castle/Main_building/Library/Merlin_s_office
[mission 33] $ gsh check

Congratulations, mission 33 has been successfully completed!
```

MISSION 34

```
~/Castle/Observatory
[mission 34] $ ./merlin 2> secret_key.txt
THESECRETKEYISONSTDERR

~/Castle/Observatory
[mission 34] $ gsh check < ./secret_key.txt
What is the secret key?
Congratulations, mission 34 has been successfully completed!
```

MISSION 35

```
~/Castle/Main_building/Throne_room
[mission 35] $ ls -l
total 4
drw-r--r-- 2 kali kali 4096 Jun 29 17:08 Kings_quarter/

~/Castle/Main_building/Throne_room
[mission 35] $ chmod u+x Kings_quarter

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

~/Castle/Main_building/Throne_room/Kings_quarter
[mission 35] $ gsh check

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

MISSION 36

```
~/Castle/Main_building/Throne_room/Kings_quarter
[mission 36] $ chmod +r .secret_note

~/Castle/Main_building/Throne_room/Kings_quarter
[mission 36] $ cat .secret_note
22177514

~/Castle/Main_building/Throne_room/Kings_quarter
[mission 36] $ gsh check
What's the combination to open the King's safe? 22177514

Congratulations, mission 36 has been successfully completed!
```

MISSION 37

```
~/Castle/Main_building/Throne_room/Safe
[mission 37] $ chmod +rwx crown

~/Castle/Main_building/Throne_room/Safe
[mission 37] $ cat crown
  _.+._          jgs
(^\/^\/^)
 \@*@*@/
 {_082_}

~/Castle/Main_building/Throne_room/Safe
[mission 37] $ mv crown ~/Forest/Hut/Chest

~/Castle/Main_building/Throne_room/Safe
[mission 37] $ gsh check
What are the 3 digits inscribed on the base of the crown? 082

Congratulations, mission 37 has been successfully completed!
```

MISSION 38

```
~/Garden/Maze
[mission 38] $ mv ./42bcd0f82ad347af6be0/dd37b594908247a040f5420dff/ac5ca2e2e3055c6b6338f96b95f8/27160 ~/Forest/Hut/Chest

~/Garden/Maze
[mission 38] $ gsh check

Congratulations, mission 38 has been successfully completed!
```

MISSION 39

```
~/Garden/Maze
[mission 39] $ find . -type f | xargs grep -l "diamond" | xargs -I {} mv {} ~/Forest/Hut/Chest

~/Garden/Maze
[mission 39] $ gsh check

Congratulations, mission 39 has been successfully completed!
```

MISSION 40

```
Elizabeth Coulon bought a dented helmet for 4 coppers.
Geoffroy from next town bought a wooden spoon for 6 coppers.
(3)
~/Stall
[mission 40] $ gsh check
How much does the king owe? 17

Congratulations, mission 40 has been successfully completed!
```

MISSION 41

```
(0)
~/Stall
[mission 41] $ grep -v "PAID" ./* | wc -l
45
(1)
~/Stall
[mission 41] $ gsh check
How many unpaid items are there? 45

Congratulations, mission 41 has been successfully completed!
```

```
cat secret_message | tr 'A-Za-z' 'L-ZA-Kl-za-k
fcpc gq kw ugjj:
wms ugjj ecr kw afcqr, ylb ctcpwrfgle gr amlryglq.
rfgq afcqr gq gl rfc acjjyp, ylb rfc umpb rm kyic
gr pc-ynncyp gq: djni
kcpjgl rfc clafylrcp

~/Castle/Main_building/Library/Merlin_s_office/Drawer
[mission 42] $ cat secret_message | tr 'A-Za-z' 'M-ZA-Lm-za-l'
gdqd hr lx vhkk:
xnt vhkk fds lx bgdrs, zmc dudqxsghmf hs bnmszhmr.
sghr bgdrs hr hm sgd bdkkzq, zmc sgd vnqc sn lzjd
hs qd-zoodzq hr: ekoj
ldqkhm sgd dmbgzmsdq

~/Castle/Main_building/Library/Merlin_s_office/Drawer
[mission 42] $ cat secret_message | tr 'A-Za-z' 'N-ZA-Mn-za-m'
here is my will:
you will get my chest, and everything it contains.
this chest is in the cellar, and the word to make
it re-appear is: flpk
merlin the enchanter

~/Castle/Main_building/Library/Merlin_s_office/Drawer
[mission 42] $ gsh check
What's the key that will make Merlin's chest to appear?
flpk

Congratulations, mission 42 has been successfully completed!
```

```
    \  :  /        \  :  /        \  :  /        \  :  /        \  :  /
`. _/ \_ .' `. _/ \_ .' `. _/ \_ .' `. _/ \_ .' `. _/ \_ .'
_ _\       /_ _ _\       /_ _ _\       /_ _ _\       /_ _ _\       /_ _
   /_   _\       /_   _\       /_   _\       /_   _\       /_   _\
 .'  \ / `.   .'  \ / `.   .'  \ / `.   .'  \ / `.   .'  \ / `.
 /  |  \     /  :  \     /  :  \     /  :  \     /  |  \
    |                                               |
    \  |  /                                         \  |  /
`. _/ \_ .'                                     `. _/ \_ .'
_ _\       /_ _                                 _ _\       /_ _
   /_   _\                                         /_   _\
 .'  \ / `.       CONGRATULATIONS!              .'  \ / `.
 /  |  \                                         /  |  \
    |                                               |
    \  |  /       You have finished all the missions.    \  |  /
`. _/ \_ .'                                     `. _/ \_ .'
_ _\       /_ _                                 _ _\       /_ _
   /_   _\                                         /_   _\
 .'  \ / `.                                     .'  \ / `.
 /  |  \                                         /  |  \
    |                                               |
    \  |  /        \  :  /        \  :  /        \  :  /        \  |  /
`. _/ \_ .' `. _/ \_ .' `. _/ \_ .' `. _/ \_ .' `. N_ .' `. _/ \_ .'
_ _\       /_ _ _\       /_ _ _\       /_ _ _\       /_ _ _\       /_ _
   /_   _\       /_   _\       /_   _\       /_   _\       /_   _\
 .'  \ / `.   .'  \ / `.   .'  \ / `.   .'  \ / `.   .'  \ / `.
 /  :  \     /  :  \     /  :  \     /  :  \     /  :  \
```