

```
[mission 1] $ pwd
/home/kali/gameshell/World
[mission 1] $ ls
Castle  Forest  Garden  Mountain  Stall
[mission 1] $ gsh goal
```

UPPERCASE words appearing in commands are meta-variables: you need to replace them by appropriate (string) values.

Most filesystems treat uppercase and lowercase characters differently. Make sure you use the correct path.

```
[mission 1] $ ls
Castle  Forest  Garden  Mountain  Stall
[mission 1] $ cd Castle
[mission 1] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory
[mission 1] $ cd Main_tower/
[mission 1] $ ls
First_floor
[mission 1] $ cd First_floor/Second_floor/Top_of_the_tower/
[mission 1] $ ls
[mission 1] $ gsh goal
```

Mission goal

Go to the top of the main tower of the castle.

Mission goal

You have taken a fancy to the four standards in the great hall of the castle. As stealing them would not go unnoticed, put a copy (same name, same content) of each in your chest.

Useful commands

`cp FILE DIRNAME`

Copy the file to the directory.

Remark: ``cp`` is an abbreviation of "copy".

Home

~/Castle/Cellar

[mission 10] \$ cd ../Great_hall/

~/Castle/Great_hall

[mission 10] \$ ls

25000_decorative_shield	51115_suit_of_armour	standard_2	standard_4
36881_stag_head	standard_1	standard_3	

~/Castle/Great_hall

[mission 10] \$ cp standard_* ~/Forest/Hut/Chest/

~/Castle/Great_hall

[mission 10] \$ ls ~/Forest/Hut/Chest/

coin_1 coin_2 coin_3 standard_1 standard_2 standard_3 standard_4

~/Castle/Great_hall

[mission 10] \$ gsh check

Congratulations, mission 10 has been successfully completed!

Mission goal

The old hermit is thirsty and he would like you lookup the recipe for distilled water.

In order to validate the mission, you need to be in the cave with Servillus ****and**** your last command prior to ``gsh check`` must show the steps for the recipe and nothing else.

Note: you shouldn't alter the content of the book of potions.

Useful commands

`head [-n K] [FILE]`

Print the first lines (10 by default, K if ``-n K`` is used) of the given file, or standard input if no file is given.

`tail [-n K] [FILE]`

Print the last lines (10 by default, K if ``-n K`` is used) of the given file, or standard input if no file is given.

`COMMAND1 | COMMAND2`

Run the two commands, feeding the "standard output" of the former into the "standard input" of the latter.

Remark: by analogy with plumbing "|" is called "pipe".

Remark

Parts in [square brackets] in command descriptions are stand for optional parts. The brackets are not part of the command.

(*)
\\
)
^

```
ps
  PID TTY          TIME CMD
 54176 pts/0    00:00:00 zsh
 54200 pts/0    00:00:00 bash
 54230 pts/0    00:00:00 bash
 57007 pts/0    00:00:00 spell
 59624 pts/0    00:00:00 ps
```

```
~
[mission 28] $ kill -s 7 57007
```

```
~
[mission 28] $ ps
  PID TTY          TIME CMD
 54176 pts/0    00:00:00 zsh
 54200 pts/0    00:00:00 bash
 54230 pts/0    00:00:00 bash
 59759 pts/0    00:00:00 ps
```

```
~
[mission 28] $ gsh check
```

Congratulations, mission 28 has been successfully completed!

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