```
andit3@bandit:~/inhere$ cd ..
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cat inhere
cat: inhere: Is a directory
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ ls -a
.  ..  .hidden
bandit3@bandit:~/inhere$ cd .hidden
-bash: cd: .hidden: Not a directory
bandit3@bandit:~/inhere$ cat .hidden
2EW7BBsr6aMMoJ2HjW067dm8EgX26xNe
bandit3@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
(base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit4 -p 2220 bandit.labs.overthewire.org
```
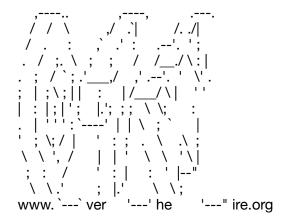
```
      _                     _ _   _
     | |__   __ _ _ __   __| (_) |_
     | '_ \ / _` | '_ \ / _` | | __|
     | |_) | (_| | | | | (_| | | |_
     |_.__/ \__,_|_| |_|\__,_|_|\__|
```

        This is an OverTheWire game server.
    More information on http://www.overthewire.org/wargames

```
bandit4@bandit.labs.overthewire.org's password:
```

```
     ,----..            ,----,          .---.
    /   /   \         ,/   .`|         /. ./|
   /   .     :      ,`   .'  :     .--'.  ' ;
  .   /   ;.  \   ;    ;     /    /__./ \ : |
 .   ;   /  ` ; .'___,/    ,'.--'.  '   \  ' .
 ;   |  ; \ ; | |    :     | /___/ \ |    ' '
 |   :  | ; | ' ;    |.';  ; \   \  ';    '  .
 .   |  ' ' ' : `----'  |  |  \   \  |     \   |
 '   ;  \; /  |     '   :  ;  \    \  .     \   .
  \   \  ',  /      |   |  '   \    \  '     \  |
   ;   :    /       '   :  |    \    \  '    |--"
    \   \ .'        ;   |.'      \    \  ;
  www. `---` ver     '---' he       '---" ire.org
```

Welcome to OverTheWire!

If you find any problems, please report them to the #wargames channel on
discord or IRC.

--[Playing the games]--

  This machine might hold several wargames.
  If you are playing "somegame", then:

   * USERNAMES are somegame0, somegame1, ...
   * Most LEVELS are stored in /somegame/.
   * PASSWORDS for each level are stored in /etc/somegame_pass/.

  Write-access to homedirectories is disabled. It is advised to create a

working directory with a hard-to-guess name in /tmp/. You can use the
command "mktemp -d" in order to generate a random and hard to guess
directory in /tmp/. Read-access to both /tmp/ is disabled and to /proc
restricted so that users cannot snoop on eachother. Files and directories
with easily guessable or short names will be periodically deleted! The /tmp
directory is regularly wiped.
Please play nice:

  * don't leave orphan processes running
  * don't leave exploit-files laying around
  * don't annoy other players
  * don't post passwords or spoilers
  * again, DONT POST SPOILERS!
    This includes writeups of your solution on your blog or website!

--[Tips]--

  This machine has a 64bit processor and many security-features enabled
  by default, although ASLR has been switched off. The following
  compiler flags might be interesting:

   -m32   compile for 32bit
   -fno-stack-protector   disable ProPolice
   -Wl,-z,norelro   disable relro

  In addition, the execstack tool can be used to flag the stack as
  executable on ELF binaries.

  Finally, network-access is limited for most levels by a local
  firewall.

--[Tools]--

 For your convenience we have installed a few useful tools which you can find
 in the following locations:

   * gef (https://github.com/hugsy/gef) in /opt/gef/
   * pwndbg (https://github.com/pwndbg/pwndbg) in /opt/pwndbg/
   * peda (https://github.com/longld/peda.git) in /opt/peda/
   * gdbinit (https://github.com/gdbinit/Gdbinit) in /opt/gdbinit/
   * pwntools (https://github.com/Gallopsled/pwntools)
   * radare2 (http://www.radare.org/)

--[More information]--

  For more information regarding individual wargames, visit
  http://www.overthewire.org/wargames/

  For support, questions or comments, contact us on discord or IRC.

  Enjoy your stay!

bandit4@bandit:~$ ls
inhere
bandit4@bandit:~$ cd inhere
bandit4@bandit:~/inhere$ ls
-file00 -file01 -file02 -file03 -file04 -file05 -file06 -file07 -file08 -file09
bandit4@bandit:~/inhere$ ls -a
. .. -file00 -file01 -file02 -file03 -file04 -file05 -file06 -file07 -file08 -file09
bandit4@bandit:~/inhere$ file

```
Usage: file [-bcCdEhikLlNnprsSvzZ0] [--apple] [--extension] [--mime-encoding]
            [--mime-type] [-e <testname>] [-F <separator>]  [-f <namefile>]
            [-m <magicfiles>] [-P <parameter=value>] [--exclude-quiet]
            <file> ...
       file -C [-m <magicfiles>]
       file [--help]
bandit4@bandit:~/inhere$ file -file00
file: Cannot open `ile00' (No such file or directory)
bandit4@bandit:~/inhere$ file ./-file00
./-file00: data
bandit4@bandit:~/inhere$ file ./-file01
./-file01: data
bandit4@bandit:~/inhere$ file ./-file02
./-file02: data
bandit4@bandit:~/inhere$ file ./-file03
./-file03: data
bandit4@bandit:~/inhere$ file ./-file04
./-file04: data
bandit4@bandit:~/inhere$ file ./-file05
./-file05: data
bandit4@bandit:~/inhere$ file ./-file06
./-file06: data
bandit4@bandit:~/inhere$ file ./-file09
./-file09: data
bandit4@bandit:~/inhere$ file ./-file08
./-file08: data
bandit4@bandit:~/inhere$ file ./-file07
./-file07: ASCII text
bandit4@bandit:~/inhere$ cat ./-fil07
cat: ./-fil07: No such file or directory
bandit4@bandit:~/inhere$ cat ./-file07
lrIWWI6bB37kxfiCQZqUdOIYfr6eEeqR
bandit4@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
(base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit5 -p 2220 bandit.labs.overthewire.org
```
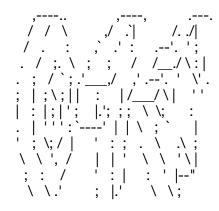
```
            _                     _ _ _
           | |                 _ | (_) |_
           | '_ \ / _` | '_ \ / _` | | __|
           | |_) | (_| | | | | (_| | | |_
           |_.__/ \__,_| |_| |_\__,_|_|\__|
```

                This is an OverTheWire game server.
             More information on http://www.overthewire.org/wargames

```
bandit5@bandit.labs.overthewire.org's password:
```

```
      ,----..        ,----,          .---.
     /   /   \     ,/   .`|        /. ./|
    /   .     :  ,`   .'  :    --'. ';
   .   /   ;.  \ ;    ;    /   /___/ \:|
   .   ;   /  `; .'___,/  ,' .--'. '  \'.
   ;   |  ;  \; ||    :      |/___/ \|    ''
   |   :  |; | '';    |.';  ;   \  \;    :
   .   |  '' ':`----'  | |  \  ;  `    |
   '   ;  \;/ |    '   :  ;   \  .\  ;
    \   \  ',  /    |   |  \    \  `\  `\|
     ;   :  /      '   :  |    .  ' |--"
      \   \ .'       ;   |.'      \  \;
```

www. `---`ver   '---' he   '---" ire.org

Welcome to OverTheWire!

If you find any problems, please report them to the #wargames channel on discord or IRC.

--[Playing the games]--

 This machine might hold several wargames.
 If you are playing "somegame", then:

   * USERNAMES are somegame0, somegame1, ...
   * Most LEVELS are stored in /somegame/.
   * PASSWORDS for each level are stored in /etc/somegame_pass/.

 Write-access to homedirectories is disabled. It is advised to create a
 working directory with a hard-to-guess name in /tmp/. You can use the
 command "mktemp -d" in order to generate a random and hard to guess
 directory in /tmp/. Read-access to both /tmp/ is disabled and to /proc
 restricted so that users cannot snoop on eachother. Files and directories
 with easily guessable or short names will be periodically deleted! The /tmp
 directory is regularly wiped.
 Please play nice:

   * don't leave orphan processes running
   * don't leave exploit-files laying around
   * don't annoy other players
   * don't post passwords or spoilers
   * again, DONT POST SPOILERS!
     This includes writeups of your solution on your blog or website!

--[Tips]--

 This machine has a 64bit processor and many security-features enabled
 by default, although ASLR has been switched off. The following
 compiler flags might be interesting:

   -m32   compile for 32bit
   -fno-stack-protector   disable ProPolice
   -Wl,-z,norelro   disable relro

 In addition, the execstack tool can be used to flag the stack as
 executable on ELF binaries.

 Finally, network-access is limited for most levels by a local
 firewall.

--[Tools]--

 For your convenience we have installed a few useful tools which you can find
 in the following locations:

   * gef (https://github.com/hugsy/gef) in /opt/gef/
   * pwndbg (https://github.com/pwndbg/pwndbg) in /opt/pwndbg/
   * peda (https://github.com/longld/peda.git) in /opt/peda/
   * gdbinit (https://github.com/gdbinit/Gdbinit) in /opt/gdbinit/
   * pwntools (https://github.com/Gallopsled/pwntools)
   * radare2 (http://www.radare.org/)

--[More information]--

  For more information regarding individual wargames, visit
  http://www.overthewire.org/wargames/

  For support, questions or comments, contact us on discord or IRC.

  Enjoy your stay!

bandit5@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
(base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit6 -p 2220 bandit.labs.overthewire.org

```
 _                     _ _ _
| |__   __ _ _ __   __| (_) |_
| '_ \ / _` | '_ \ / _` | | __|
| |_) | (_| | | | | (_| | | |_
|_.__/ \__,_|_| |_|\__,_|_|\__|
```

              This is an OverTheWire game server.
        More information on http://www.overthewire.org/wargames

bandit6@bandit.labs.overthewire.org's password:
Permission denied, please try again.
bandit6@bandit.labs.overthewire.org's password:
Connection closed by 51.20.13.48 port 2220
(base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit6 -p 2220 bandit.labs.overthewire.org

```
 _                     _ _ _
| |__   __ _ _ __   __| (_) |_
| '_ \ / _` | '_ \ / _` | | __|
| |_) | (_| | | | | (_| | | |_
|_.__/ \__,_|_| |_|\__,_|_|\__|
```

              This is an OverTheWire game server.
        More information on http://www.overthewire.org/wargames

bandit6@bandit.labs.overthewire.org's password:

(base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit5 -p 2220 bandit.labs.overthewire.org
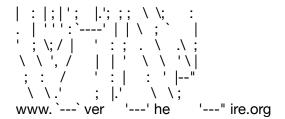
```
 _                     _ _ _
| |__   __ _ _ __   __| (_) |_
| '_ \ / _` | '_ \ / _` | | __|
| |_) | (_| | | | | (_| | | |_
|_.__/ \__,_|_| |_|\__,_|_|\__|
```

              This is an OverTheWire game server.
        More information on http://www.overthewire.org/wargames

bandit5@bandit.labs.overthewire.org's password:

```
  ,----..         ,----,            .---.
 /   /   \      ,/   .`|           /. ./|
/   .     :   ,`   .'  :       .--'.  '  ;
.   /   ;.  \ ;    ;     /     /__./ \ : |
.   ;   /  ` ; .'___,/    ,'  ,' .--'.  '  \' .
;   |  ; \ ; |  |    :     |/___/  /\ |      ' '
```

```
 |  :  |;| ';   |.'; ; ;   \  \;    :
 .  |  | ' '  ; `----'  |  |  \  ; ` `    |
 '  ;  \;/  |    '  : ;  .  \   .\ ;
  \  \ ',/  |  |  ;  \   \  \ '\|
   ;  :  /   '  :  |   :  '  |--"
    \  \ .'    ;  |.'    \  \;
  www. `---` ver    '---' he      '---" ire.org
```

Welcome to OverTheWire!

If you find any problems, please report them to the #wargames channel on
discord or IRC.

--[Playing the games]--

  This machine might hold several wargames.
  If you are playing "somegame", then:

    * USERNAMES are somegame0, somegame1, ...
    * Most LEVELS are stored in /somegame/.
    * PASSWORDS for each level are stored in /etc/somegame_pass/.

  Write-access to homedirectories is disabled. It is advised to create a
  working directory with a hard-to-guess name in /tmp/. You can use the
  command "mktemp -d" in order to generate a random and hard to guess
  directory in /tmp/. Read-access to both /tmp/ is disabled and to /proc
  restricted so that users cannot snoop on eachother. Files and directories
  with easily guessable or short names will be periodically deleted! The /tmp
  directory is regularly wiped.
  Please play nice:

    * don't leave orphan processes running
    * don't leave exploit-files laying around
    * don't annoy other players
    * don't post passwords or spoilers
    * again, DONT POST SPOILERS!
      This includes writeups of your solution on your blog or website!

--[Tips]--

  This machine has a 64bit processor and many security-features enabled
  by default, although ASLR has been switched off. The following
  compiler flags might be interesting:

    -m32   compile for 32bit
    -fno-stack-protector   disable ProPolice
    -Wl,-z,norelro   disable relro

  In addition, the execstack tool can be used to flag the stack as
  executable on ELF binaries.

  Finally, network-access is limited for most levels by a local
  firewall.

--[Tools]--

  For your convenience we have installed a few useful tools which you can find
  in the following locations:
```

* gef (https://github.com/hugsy/gef) in /opt/gef/
  * pwndbg (https://github.com/pwndbg/pwndbg) in /opt/pwndbg/
  * peda (https://github.com/longld/peda.git) in /opt/peda/
  * gdbinit (https://github.com/gdbinit/Gdbinit) in /opt/gdbinit/
  * pwntools (https://github.com/Gallopsled/pwntools)
  * radare2 (http://www.radare.org/)

--[ More information ]--

  For more information regarding individual wargames, visit
  http://www.overthewire.org/wargames/

  For support, questions or comments, contact us on discord or IRC.

  Enjoy your stay!

bandit5@bandit:~$ LS
LS: command not found
bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cat inhere
cat: inhere: Is a directory
bandit5@bandit:~$ cd inhere
bandit5@bandit:~/inhere$ ls
maybehere00  maybehere02  maybehere04  maybehere06  maybehere08  maybehere10
maybehere12  maybehere14  maybehere16  maybehere18
maybehere01  maybehere03  maybehere05  maybehere07  maybehere09  maybehere11
maybehere13  maybehere15  maybehere17  maybehere19
bandit5@bandit:~/inhere$ for i in ls; do file maybehere; done
maybehere: cannot open `maybehere' (No such file or directory)
bandit5@bandit:~/inhere$ for i in ls; do file maybehere; done ;
maybehere: cannot open `maybehere' (No such file or directory)
bandit5@bandit:~/inhere$ for i in ls; do file maybehere00; done ;
maybehere00: directory
bandit5@bandit:~/inhere$ for i in ls; do file maybehereclient_loop: send disconnect: Broken pipe
(base) sanvijain@Sanvis-MacBook-Pro ~ %
(base) sanvijain@Sanvis-MacBook-Pro ~ %
(base) sanvijain@Sanvis-MacBook-Pro ~ % file maybehere00
maybehere00: cannot open `maybehere00' (No such file or directory)
(base) sanvijain@Sanvis-MacBook-Pro ~ % file maybehere02
maybehere02: cannot open `maybehere02' (No such file or directory)
(base) sanvijain@Sanvis-MacBook-Pro ~ % type inhere
inhere not found
(base) sanvijain@Sanvis-MacBook-Pro ~ % type maybehere
maybehere not found
(base) sanvijain@Sanvis-MacBook-Pro ~ % exit

  sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit5 -p 2220 bandit.labs.overthewire.org

```
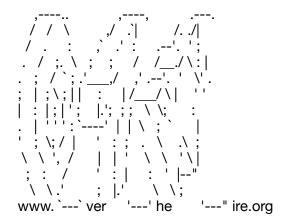 _               _ _ _
| |__   __ _ _ __   __| (_) |_
| '_ \ / _` | '_ \ / _` | | __|
| |_) | (_| | | | | (_| | | |_
|_.__/ \__,_|_| |_|\__,_|_|\__|
```

            This is an OverTheWire game server.
        More information on http://www.overthewire.org/wargames

bandit5@bandit.labs.overthewire.org's password:

```
           ,----..         ,----,           .---.
          /   /   \       ,/   .`|          /. ./|
         /   .     :    ,`   .'  :      .--'.  ' ;
        .   /   ;.  \  ;    ;     /     /__./ \ : |
       .   ;   /  ` ; .'___,/    ,' ,---.  '  \' .
       ;   |  ; \ ; | |    :     |/___/ \|   ' '
       |   :  | ; | ' ;    |.';  ;     \  \    ':
       .   |  ''  ' :`----'   |  |      \  \   | .
       '   ;  \; /  |   '   : ;       . \  \  .'
        \   \  ',  /    |   | '         \  \  '\|
         ;   :    /     '   : |          \  \ '
          \   \ .'      ;   |.'           \  `;
 www. `---` ver    '---' he      '---" ire.org
```

Welcome to OverTheWire!

If you find any problems, please report them to the #wargames channel on discord or IRC.

--[Playing the games]--

  This machine might hold several wargames.
  If you are playing "somegame", then:

    * USERNAMES are somegame0, somegame1, ...
    * Most LEVELS are stored in /somegame/.
    * PASSWORDS for each level are stored in /etc/somegame_pass/.

  Write-access to homedirectories is disabled. It is advised to create a working directory with a hard-to-guess name in /tmp/. You can use the command "mktemp -d" in order to generate a random and hard to guess directory in /tmp/. Read-access to both /tmp/ is disabled and to /proc restricted so that users cannot snoop on eachother. Files and directories with easily guessable or short names will be periodically deleted! The /tmp directory is regularly wiped.
  Please play nice:

    * don't leave orphan processes running
    * don't leave exploit-files laying around
    * don't annoy other players
    * don't post passwords or spoilers
    * again, DONT POST SPOILERS!
      This includes writeups of your solution on your blog or website!

--[Tips]--

  This machine has a 64bit processor and many security-features enabled by default, although ASLR has been switched off. The following compiler flags might be interesting:

    -m32   compile for 32bit
    -fno-stack-protector   disable ProPolice
    -Wl,-z,norelro   disable relro

  In addition, the execstack tool can be used to flag the stack as executable on ELF binaries.

  Finally, network-access is limited for most levels by a local firewall.

--[Tools]--

 For your convenience we have installed a few useful tools which you can find
 in the following locations:

   * gef (https://github.com/hugsy/gef) in /opt/gef/
   * pwndbg (https://github.com/pwndbg/pwndbg) in /opt/pwndbg/
   * peda (https://github.com/longld/peda.git) in /opt/peda/
   * gdbinit (https://github.com/gdbinit/Gdbinit) in /opt/gdbinit/
   * pwntools (https://github.com/Gallopsled/pwntools)
   * radare2 (http://www.radare.org/)

--[More information]--

 For more information regarding individual wargames, visit
 http://www.overthewire.org/wargames/

 For support, questions or comments, contact us on discord or IRC.

 Enjoy your stay!

bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd
bandit5@bandit:~$ cd inhere
bandit5@bandit:~/inhere$ ls
maybehere00 maybehere02 maybehere04 maybehere06 maybehere08 maybehere10
maybehere12 maybehere14 maybehere16 maybehere18
maybehere01 maybehere03 maybehere05 maybehere07 maybehere09 maybehere11
maybehere13 maybehere15 maybehere17 maybehere19
bandit5@bandit:~/inhere$ find inhere -type f
find: 'inhere': No such file or directory
bandit5@bandit:~/inhere$ find -type f
./maybehere14/.file3
./maybehere14/spaces file2
./maybehere14/-file2
./maybehere14/-file1
./maybehere14/-file3
./maybehere14/spaces file3
./maybehere14/.file1
./maybehere14/spaces file1
./maybehere14/.file2
./maybehere09/.file3
./maybehere09/spaces file2
./maybehere09/-file2
./maybehere09/-file1
./maybehere09/-file3
./maybehere09/spaces file3
./maybehere09/.file1
./maybehere09/spaces file1
./maybehere09/.file2
./maybehere00/.file3
./maybehere00/spaces file2
./maybehere00/-file2
./maybehere00/-file1
./maybehere00/-file3
./maybehere00/spaces file3
./maybehere00/.file1
./maybehere00/spaces file1

```
./maybehere00/.file2
./maybehere17/.file3
./maybehere17/spaces file2
./maybehere17/-file2
./maybehere17/-file1
./maybehere17/-file3
./maybehere17/spaces file3
./maybehere17/.file1
./maybehere17/spaces file1
./maybehere17/.file2
./maybehere11/.file3
./maybehere11/spaces file2
./maybehere11/-file2
./maybehere11/-file1
./maybehere11/-file3
./maybehere11/spaces file3
./maybehere11/.file1
./maybehere11/spaces file1
./maybehere11/.file2
./maybehere15/.file3
./maybehere15/spaces file2
./maybehere15/-file2
./maybehere15/-file1
./maybehere15/-file3
./maybehere15/spaces file3
./maybehere15/.file1
./maybehere15/spaces file1
./maybehere15/.file2
./maybehere05/.file3
./maybehere05/spaces file2
./maybehere05/-file2
./maybehere05/-file1
./maybehere05/-file3
./maybehere05/spaces file3
./maybehere05/.file1
./maybehere05/spaces file1
./maybehere05/.file2
./maybehere01/.file3
./maybehere01/spaces file2
./maybehere01/-file2
./maybehere01/-file1
./maybehere01/-file3
./maybehere01/spaces file3
./maybehere01/.file1
./maybehere01/spaces file1
./maybehere01/.file2
./maybehere04/.file3
./maybehere04/spaces file2
./maybehere04/-file2
./maybehere04/-file1
./maybehere04/-file3
./maybehere04/spaces file3
./maybehere04/.file1
./maybehere04/spaces file1
./maybehere04/.file2
./maybehere16/.file3
./maybehere16/spaces file2
./maybehere16/-file2
./maybehere16/-file1
./maybehere16/-file3
```

```
./maybehere16/spaces file3
./maybehere16/.file1
./maybehere16/spaces file1
./maybehere16/.file2
./maybehere07/.file3
./maybehere07/spaces file2
./maybehere07/-file2
./maybehere07/-file1
./maybehere07/-file3
./maybehere07/spaces file3
./maybehere07/.file1
./maybehere07/spaces file1
./maybehere07/.file2
./maybehere10/.file3
./maybehere10/spaces file2
./maybehere10/-file2
./maybehere10/-file1
./maybehere10/-file3
./maybehere10/spaces file3
./maybehere10/.file1
./maybehere10/spaces file1
./maybehere10/.file2
./maybehere13/.file3
./maybehere13/spaces file2
./maybehere13/-file2
./maybehere13/-file1
./maybehere13/-file3
./maybehere13/spaces file3
./maybehere13/.file1
./maybehere13/spaces file1
./maybehere13/.file2
./maybehere08/.file3
./maybehere08/spaces file2
./maybehere08/-file2
./maybehere08/-file1
./maybehere08/-file3
./maybehere08/spaces file3
./maybehere08/.file1
./maybehere08/spaces file1
./maybehere08/.file2
./maybehere02/.file3
./maybehere02/spaces file2
./maybehere02/-file2
./maybehere02/-file1
./maybehere02/-file3
./maybehere02/spaces file3
./maybehere02/.file1
./maybehere02/spaces file1
./maybehere02/.file2
./maybehere18/.file3
./maybehere18/spaces file2
./maybehere18/-file2
./maybehere18/-file1
./maybehere18/-file3
./maybehere18/spaces file3
./maybehere18/.file1
./maybehere18/spaces file1
./maybehere18/.file2
./maybehere03/.file3
./maybehere03/spaces file2
```

```
./maybehere03/-file2
./maybehere03/-file1
./maybehere03/-file3
./maybehere03/spaces file3
./maybehere03/.file1
./maybehere03/spaces file1
./maybehere03/.file2
./maybehere06/.file3
./maybehere06/spaces file2
./maybehere06/-file2
./maybehere06/-file1
./maybehere06/-file3
./maybehere06/spaces file3
./maybehere06/.file1
./maybehere06/spaces file1
./maybehere06/.file2
./maybehere12/.file3
./maybehere12/spaces file2
./maybehere12/-file2
./maybehere12/-file1
./maybehere12/-file3
./maybehere12/spaces file3
./maybehere12/.file1
./maybehere12/spaces file1
./maybehere12/.file2
./maybehere19/.file3
./maybehere19/spaces file2
./maybehere19/-file2
./maybehere19/-file1
./maybehere19/-file3
./maybehere19/spaces file3
./maybehere19/.file1
./maybehere19/spaces file1
./maybehere19/.file2
bandit5@bandit:~/inhere$ find -type f - size 1033c
find: paths must precede expression: `-'
bandit5@bandit:~/inhere$ find -type f -size 1033c
./maybehere07/.file2
bandit5@bandit:~/inhere$ find -type f -size 1033c ! -executable
./maybehere07/.file2
bandit5@bandit:~/inhere$ ls
maybehere00  maybehere02  maybehere04  maybehere06  maybehere08  maybehere10
maybehere12  maybehere14  maybehere16  maybehere18
maybehere01  maybehere03  maybehere05  maybehere07  maybehere09  maybehere11
maybehere13  maybehere15  maybehere17  maybehere19
bandit5@bandit:~/inhere$ cat maybehere07
cat: maybehere07: Is a directory
bandit5@bandit:~/inhere$ cd maybehere07
bandit5@bandit:~/inhere/maybehere07$ ls
-file1  -file2  -file3  spaces file1  spaces file2  spaces file3
bandit5@bandit:~/inhere/maybehere07$ cat ./file2
cat: ./file2: No such file or directory
bandit5@bandit:~/inhere/maybehere07$ cat .\file2
```

P4L4vucdmLnm8I7Vl7jG1ApGSfjYKqJU

```
bandit5@bandit:~/inhere/maybehere07$ ^C
bandit5@bandit:~/inhere/maybehere07$ pwd
/home/bandit5/inhere/maybehere07
bandit5@bandit:~/inhere/maybehere07$ exit
logout
```

```
bandit6@bandit:~$
bandit6@bandit:~$ ls
bandit6@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile
bandit6@bandit:~$ find -user bandit7
bandit6@bandit:~$ find -size 33c
bandit6@bandit:~$ find /-user bandit7
find: '/-user': No such file or directory
find: 'bandit7': No such file or directory
bandit6@bandit:~$ cd inhere
-bash: cd: inhere: No such file or directory
bandit6@bandit:~$ find -type f -size 33c
bandit6@bandit:~$ cat ./.p
cat: ./.p: No such file or directory
bandit6@bandit:~$ find / -type f -size 33c -group bandit6 -user bandit7
bandit6@bandit:~$ find / -type f -size 33c -group bandit6 -user bandit7|grep -v "^Permission
denied"
find: '/etc/ssl/private': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/sudoers.d': Permission denied
find: '/etc/multipath': Permission denied
find: '/root': Permission denied
find: '/boot/efi': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/lib/ubuntu-advantage/apt-esm/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/snapd/cookie': Permission denied
find: '/var/lib/snapd/void': Permission denied
find: '/var/lib/private': Permission denied
find: '/var/lib/chrony': Permission denied
find: '/var/lib/polkit-1': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/update-notifier/package-data-downloads/partial': Permission denied
find: '/var/lib/amazon': Permission denied
/var/lib/dpkg/info/bandit7.password
find: '/var/log': Permission denied
find: '/var/cache/private': Permission denied
find: '/var/cache/pollinate': Permission denied
find: '/var/cache/apparmor/30d07b40.0': Permission denied
find: '/var/cache/apparmor/a4dd844e.0': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
find: '/var/tmp': Permission denied
find: '/var/snap/lxd/common/lxd': Permission denied
find: '/var/crash': Permission denied
find: '/sys/kernel/tracing': Permission denied
find: '/sys/kernel/debug': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/sys/fs/bpf': Permission denied
find: '/proc/tty/driver': Permission denied
find: '/proc/148952/task/148952/fdinfo/6': No such file or directory
find: '/proc/148952/fdinfo/5': No such file or directory
find: '/home/bandit31-git': Permission denied
find: '/home/drifter8/chroot': Permission denied
find: '/home/drifter6/data': Permission denied
find: '/home/bandit27-git': Permission denied
find: '/home/bandit5/inhere': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit29-git': Permission denied
```

```
find: '/home/bandit28-git': Permission denied
find: '/home/ubuntu': Permission denied
find: '/tmp': Permission denied
find: '/dev/mqueue': Permission denied
find: '/dev/shm': Permission denied
find: '/lost+found': Permission denied
find: '/snap': Permission denied
find: '/drifter/drifter14_src/axTLS': Permission denied
find: '/run/chrony': Permission denied
find: '/run/user/11531': Permission denied
find: '/run/user/11031': Permission denied
find: '/run/user/11530': Permission denied
find: '/run/user/11030': Permission denied
find: '/run/user/11027': Permission denied
find: '/run/user/11010': Permission denied
find: '/run/user/11019': Permission denied
find: '/run/user/11028': Permission denied
find: '/run/user/11029': Permission denied
find: '/run/user/11033': Permission denied
find: '/run/user/11011': Permission denied
find: '/run/user/11003': Permission denied
find: '/run/user/11022': Permission denied
find: '/run/user/11001': Permission denied
find: '/run/user/11007': Permission denied
find: '/run/user/11002': Permission denied
find: '/run/user/11009': Permission denied
find: '/run/user/11021': Permission denied
find: '/run/user/11018': Permission denied
find: '/run/user/11017': Permission denied
find: '/run/user/11004': Permission denied
find: '/run/user/11006/systemd/inaccessible/dir': Permission denied
find: '/run/user/11015': Permission denied
find: '/run/user/11025': Permission denied
find: '/run/user/11023': Permission denied
find: '/run/user/11008': Permission denied
find: '/run/user/11000': Permission denied
find: '/run/user/11016': Permission denied
find: '/run/user/11014': Permission denied
find: '/run/user/11020': Permission denied
find: '/run/user/11024': Permission denied
find: '/run/user/11005': Permission denied
find: '/run/user/11032': Permission denied
find: '/run/user/11013': Permission denied
find: '/run/user/11012': Permission denied
find: '/run/sudo': Permission denied
find: '/run/screen/S-bandit25': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/screen/S-bandit19': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/multipath': Permission denied
find: '/run/cryptsetup': Permission denied
find: '/run/lvm': Permission denied
find: '/run/credentials/systemd-sysusers.service': Permission denied
find: '/run/systemd/propagate': Permission denied
find: '/run/systemd/unit-root': Permission denied
find: '/run/systemd/inaccessible/dir': Permission denied
find: '/run/lock/lvm': Permission denied
```

```
bandit6@bandit:~$ find / -type f -size 33c -group bandit6 -user bandit7|grep -v 'Permission
denied'
find: '/etc/ssl/private': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/sudoers.d': Permission denied
find: '/etc/multipath': Permission denied
find: '/root': Permission denied
find: '/boot/efi': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/lib/ubuntu-advantage/apt-esm/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/snapd/cookie': Permission denied
find: '/var/lib/snapd/void': Permission denied
find: '/var/lib/private': Permission denied
find: '/var/lib/chrony': Permission denied
find: '/var/lib/polkit-1': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/update-notifier/package-data-downloads/partial': Permission denied
find: '/var/lib/amazon': Permission denied
find: /var/lib/dpkg/info/bandit7.password
'/var/log': Permission denied
find: '/var/cache/private': Permission denied
find: '/var/cache/pollinate': Permission denied
find: '/var/cache/apparmor/30d07b40.0': Permission denied
find: '/var/cache/apparmor/a4dd844e.0': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
find: '/var/tmp': Permission denied
find: '/var/snap/lxd/common/lxd': Permission denied
find: '/var/crash': Permission denied
find: '/sys/kernel/tracing': Permission denied
find: '/sys/kernel/debug': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/sys/fs/bpf': Permission denied
find: '/proc/tty/driver': Permission denied
find: '/proc/150429/task/150429/fdinfo/6': No such file or directory
find: '/proc/150429/fdinfo/5': No such file or directory
find: '/home/bandit31-git': Permission denied
find: '/home/drifter8/chroot': Permission denied
find: '/home/drifter6/data': Permission denied
find: '/home/bandit27-git': Permission denied
find: '/home/bandit5/inhere': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit29-git': Permission denied
find: '/home/bandit28-git': Permission denied
find: '/home/ubuntu': Permission denied
find: '/tmp': Permission denied
find: '/dev/mqueue': Permission denied
find: '/dev/shm': Permission denied
find: '/lost+found': Permission denied
find: '/snap': Permission denied
find: '/drifter/drifter14_src/axTLS': Permission denied
find: '/run/chrony': Permission denied
find: '/run/user/11027': Permission denied
find: '/run/user/11010': Permission denied
find: '/run/user/11019': Permission denied
find: '/run/user/11028': Permission denied
find: '/run/user/11029': Permission denied
find: '/run/user/11033': Permission denied
```

find: '/run/user/11011': Permission denied
find: '/run/user/11003': Permission denied
find: '/run/user/11022': Permission denied
find: '/run/user/11001': Permission denied
find: '/run/user/11007': Permission denied
find: '/run/user/11002': Permission denied
find: '/run/user/11009': Permission denied
find: '/run/user/11021': Permission denied
find: '/run/user/11018': Permission denied
find: '/run/user/11017': Permission denied
find: '/run/user/11004': Permission denied
find: '/run/user/11006/systemd/inaccessible/dir': Permission denied
find: '/run/user/11015': Permission denied
find: '/run/user/11025': Permission denied
find: '/run/user/11023': Permission denied
find: '/run/user/11008': Permission denied
find: '/run/user/11000': Permission denied
find: '/run/user/11016': Permission denied
find: '/run/user/11014': Permission denied
find: '/run/user/11020': Permission denied
find: '/run/user/11024': Permission denied
find: '/run/user/11005': Permission denied
find: '/run/user/11032': Permission denied
find: '/run/user/11013': Permission denied
find: '/run/user/11012': Permission denied
find: '/run/sudo': Permission denied
find: '/run/screen/S-bandit25': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/screen/S-bandit19': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/multipath': Permission denied
find: '/run/cryptsetup': Permission denied
find: '/run/lvm': Permission denied
find: '/run/credentials/systemd-sysusers.service': Permission denied
find: '/run/systemd/propagate': Permission denied
find: '/run/systemd/unit-root': Permission denied
find: '/run/systemd/inaccessible/dir': Permission denied
find: '/run/lock/lvm': Permission denied
bandit6@bandit:~$ find / -type f -size 33c -group bandit6 -user bandit7|grep -v '^Permission denied'
find: '/etc/ssl/private': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/sudoers.d': Permission denied
find: '/etc/multipath': Permission denied
find: '/root': Permission denied
find: '/boot/efi': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/lib/ubuntu-advantage/apt-esm/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/snapd/cookie': Permission denied
find: '/var/lib/snapd/void': Permission denied
find: '/var/lib/private': Permission denied
find: '/var/lib/chrony': Permission denied
find: '/var/lib/polkit-1': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/update-notifier/package-data-downloads/partial': Permission denied
find: '/var/lib/amazon': Permission denied

^[[Cfind: '/var/log': Permission denied
/var/lib/dpkg/info/bandit7.password
find: '/var/cache/private': Permission denied
find: '/var/cache/pollinate': Permission denied
find: '/var/cache/apparmor/30d07b40.0': Permission denied
find: '/var/cache/apparmor/a4dd844e.0': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
find: '/var/tmp': Permission denied
find: '/var/snap/lxd/common/lxd': Permission denied
find: '/var/crash': Permission denied
find: '/sys/kernel/tracing': Permission denied
find: '/sys/kernel/debug': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/sys/fs/bpf': Permission denied
find: '/proc/tty/driver': Permission denied
find: '/proc/151126/task/151126/fdinfo/6': No such file or directory
find: '/proc/151126/fdinfo/5': No such file or directory
find: '/home/bandit31-git': Permission denied
find: '/home/drifter8/chroot': Permission denied
find: '/home/drifter6/data': Permission denied
find: '/home/bandit27-git': Permission denied
find: '/home/bandit5/inhere': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit29-git': Permission denied
find: '/home/bandit28-git': Permission denied
find: '/home/ubuntu': Permission denied
find: '/tmp': Permission denied
find: '/dev/mqueue': Permission denied
find: '/dev/shm': Permission denied
^[[Cfind: '/lost+found': Permission denied
find: '/snap': Permission denied
find: '/drifter/drifter14_src/axTLS': Permission denied
find: '/run/chrony': Permission denied
find: '/run/user/11027': Permission denied
find: '/run/user/11010': Permission denied
find: '/run/user/11019': Permission denied
find: '/run/user/11028': Permission denied
find: '/run/user/11029': Permission denied
find: '/run/user/11033': Permission denied
find: '/run/user/11011': Permission denied
find: '/run/user/11003': Permission denied
find: '/run/user/11022': Permission denied
find: '/run/user/11001': Permission denied
find: '/run/user/11007': Permission denied
find: '/run/user/11002': Permission denied
find: '/run/user/11009': Permission denied
find: '/run/user/11021': Permission denied
find: '/run/user/11018': Permission denied
find: '/run/user/11017': Permission denied
find: '/run/user/11004': Permission denied
find: '/run/user/11006/systemd/inaccessible/dir': Permission denied
find: '/run/user/11015': Permission denied
find: '/run/user/11025': Permission denied
find: '/run/user/11023': Permission denied
find: '/run/user/11008': Permission denied
find: '/run/user/11000': Permission denied
find: '/run/user/11016': Permission denied
find: '/run/user/11014': Permission denied
find: '/run/user/11020': Permission denied

find: '/run/user/11024': Permission denied
find: '/run/user/11005': Permission denied
find: '/run/user/11032': Permission denied
find: '/run/user/11013': Permission denied
find: '/run/user/11012': Permission denied
find: '/run/sudo': Permission denied
find: '/run/screen/S-bandit25': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/screen/S-bandit19': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/multipath': Permission denied
find: '/run/cryptsetup': Permission denied
find: '/run/lvm': Permission denied
find: '/run/credentials/systemd-sysusers.service': Permission denied
find: '/run/systemd/propagate': Permission denied
find: '/run/systemd/unit-root': Permission denied
find: '/run/systemd/inaccessible/dir': Permission denied
find: '/run/lock/lvm': Permission denied
^[[Cbandit6@bandit:~$ find / -type f -size 33c -group bandit6 -user bandit7|grep "password"
find: '/etc/ssl/private': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/sudoers.d': Permission denied
find: '/etc/multipath': Permission denied
find: '/root': Permission denied
find: '/boot/efi': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/lib/ubuntu-advantage/apt-esm/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/snapd/cookie': Permission denied
find: '/var/lib/snapd/void': Permission denied
find: '/var/lib/private': Permission denied
find: '/var/lib/chrony': Permission denied
find: '/var/lib/polkit-1': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/update-notifier/package-data-downloads/partial': Permission denied
find: '/var/lib/amazon': Permission denied
find: /var/lib/dpkg/info/bandit7.password
'/var/log': Permission denied
find: '/var/cache/private': Permission denied
find: '/var/cache/pollinate': Permission denied
find: '/var/cache/apparmor/30d07b40.0': Permission denied
find: '/var/cache/apparmor/a4dd844e.0': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
find: '/var/tmp': Permission denied
find: '/var/snap/lxd/common/lxd': Permission denied
find: '/var/crash': Permission denied
find: '/sys/kernel/tracing': Permission denied
find: '/sys/kernel/debug': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/sys/fs/bpf': Permission denied
find: '/proc/tty/driver': Permission denied
find: '/proc/155370/task/155370/fdinfo/6': No such file or directory
find: '/proc/155370/fdinfo/5': No such file or directory
find: '/home/bandit31-git': Permission denied
find: '/home/drifter8/chroot': Permission denied
find: '/home/drifter6/data': Permission denied

```
find: '/home/bandit27-git': Permission denied
find: '/home/bandit5/inhere': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit29-git': Permission denied
find: '/home/bandit28-git': Permission denied
find: '/home/ubuntu': Permission denied
find: '/tmp': Permission denied
find: '/dev/mqueue': Permission denied
find: '/dev/shm': Permission denied
find: '/lost+found': Permission denied
find: '/snap': Permission denied
find: '/drifter/drifter14_src/axTLS': Permission denied
find: '/run/chrony': Permission denied
find: '/run/user/8007': Permission denied
find: '/run/user/8006': Permission denied
find: '/run/user/8005': Permission denied
find: '/run/user/8004': Permission denied
find: '/run/user/11027': Permission denied
find: '/run/user/11010': Permission denied
find: '/run/user/11019': Permission denied
find: '/run/user/11028': Permission denied
find: '/run/user/11029': Permission denied
find: '/run/user/11033': Permission denied
find: '/run/user/11011': Permission denied
find: '/run/user/11003': Permission denied
find: '/run/user/11022': Permission denied
find: '/run/user/11001': Permission denied
find: '/run/user/11007': Permission denied
find: '/run/user/11002': Permission denied
find: '/run/user/11009': Permission denied
find: '/run/user/11021': Permission denied
find: '/run/user/11018': Permission denied
find: '/run/user/11017': Permission denied
find: '/run/user/11004': Permission denied
find: '/run/user/11006/systemd/inaccessible/dir': Permission denied
find: '/run/user/11015': Permission denied
find: '/run/user/11025': Permission denied
find: '/run/user/11023': Permission denied
find: '/run/user/11008': Permission denied
find: '/run/user/11000': Permission denied
find: '/run/user/11016': Permission denied
find: '/run/user/11014': Permission denied
find: '/run/user/11020': Permission denied
find: '/run/user/11024': Permission denied
find: '/run/user/11005': Permission denied
find: '/run/user/11032': Permission denied
find: '/run/user/11013': Permission denied
find: '/run/user/11012': Permission denied
find: '/run/sudo': Permission denied
find: '/run/screen/S-bandit25': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/screen/S-bandit19': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/multipath': Permission denied
find: '/run/cryptsetup': Permission denied
find: '/run/lvm': Permission denied
find: '/run/credentials/systemd-sysusers.service': Permission denied
find: '/run/systemd/propagate': Permission denied
```

find: '/run/systemd/unit-root': Permission denied
find: '/run/systemd/inaccessible/dir': Permission denied
find: '/run/lock/lvm': Permission denied
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
z7WtoNQU2XfjmMtWA8u5rN4vzqu4v99S
bandit6@bandit:~$ exit
logout
(base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit7 -p 2220 bandit.labs.overthewire.org

```
 _                     _ _ _
| |__   __ _ _ __   __| (_) |_
| '_ \ / _` | '_ \ / _` | | __|
| |_) | (_| | | | | (_| | | |_
|_.__/ \__,_|_| |_|\__,_|_|\__|
```

bandit7@bandit:~$ ls
data.txt
bandit7@bandit:~$ cat data.txt
bandit7@bandit:~$ ^C
bandit7@bandit:~$ grep "millionth"
^C
bandit7@bandit:~$ find data.txt grep "millionth"
data.txt
find: 'grep': No such file or directory
find: 'millionth': No such file or directory
bandit7@bandit:~$ find data.txt -grep "millionth"
find: unknown predicate `-grep'
bandit7@bandit:~$ cat data.txt|grep "millionth"
millionth   TESKZC0XvTetK0S9xNwm25STk5iWrBvP
bandit7@bandit:~$ cat data.txt|grep "millionth+"
bandit7@bandit:~$ cat data.txt|grep "millionth.."
millionth   TESKZC0XvTetK0S9xNwm25STk5iWrBvP
bandit7@bandit:~$ cat data.txt|grep "millionth"
millionth   **TESKZC0XvTetK0S9xNwm25STk5iWrBvP**
bandit7@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
(base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit8 -p 2220 bandit.labs.overthewire.org
bandit8@bandit:~$ ls
data.txt
bandit8@bandit:~$ cat data.text
cat: data.text: No such file or directory
bandit8@bandit:~$ cd data.text
–bash: cd: data.text: No such file or directory
bandit8@bandit:~$ –type data.text
Command '–type' not found, did you mean:
  command 'mtype' from deb mtools (4.0.33–1+really4.0.32–1build1)
  command 'wtype' from deb wtype (0.4–1)
Try: apt install <deb name>
bandit8@bandit:~$ cat data.txt | sort | grep "1"
bandit8@bandit:~$ cat data.txt | sort | uniq –c
     10 18DyjwhN856SsMx8bNrFSvr6rJxNQKhE
     10 1iyGemEgn3qUOOFcAJyGPHOiewqZyp1y
     10 2CQ5DQRdtoe9Ft8YpMHqCwQcN1Bk9lCI
     10 365RauAVsFlxktPMpoLtIf1uxijU1TfV
     10 4K2MoVHd1gXfoOdDjvlaRxFNZwmi4A4C
     10 52p0CnGhAvm4m3fPKqz9mTxVDeVYCvnG
     10 5Y76FifuxKStZi4CVovF2uPhgLrZnLzG

```
10  7A4l2BI3lPJgNdWAmyXAGlfB8uvCQLX0
10  8cxarYi5VoKRj3lzo2baLOJaMgUtzoRH
10  97Qwmy18JE8aGIud1stpTsOrOtUMHeGI
10  9d8exmGtSsGcU1gz6HmqTfSxmnmI4FBo
10  A16BW831T94qcsYcGDSkgzYhxnX2xUdK
10  aAd8RbcAAGVRifo0gE2x1nPIGH2fjgZi
10  ahwL1iJ5EDLt9wpBjrP2DY8pv6FLdrLy
10  AiYd84lOOVTA4gqJPX7f6DH8eG3zwq1W
10  aniL5AEkrKcj4mFR1ujwPZdtF4z1SAin
10  b0XUx8jfeWYAUGlnOGGAyVRxdNziM4SF
10  bJDV41So5UyGPR98w9x5pX6nqWsOU2ra
10  br26ueVSoLeZd8HqErTJpNVCtwFufHGO
10  BVego1OuHFYy1glUiCH3m5dQxEPV8D6d
10  bWO8QplAdUvLTPoI07UdQc6zKvON0WS3
10  cEqNrEqHVIIi9fQKdcvAxaip1brmsSxT
10  Dml3j9ydZQj13Q6xVRPHVuMhD9pt0NbT
10  drJxnp5fJxeVRYlCldsIEtrEEwBdyRIL
10  eJZcdtHKg9jLpvpK9v31Fj1opqlA1A9k
 1  EN632PlfYiZbn3PhVK3XOGSlNInNE00t
10  eNdwlpf6iBeQ3o11iHefoHd9GYKDTIfQ
10  euIPhAiMI8n0DxPCbaAhJ9RTBO3fX4UE
10  EzkkJebPKsBh9ERGT3vffA2NhTMCbFS5
10  EzyaXOFuwjlARDRsbctadMvVgZA1y1Sj
10  fGJ2YQ92lVRRgQ9dC0TiLEMacCsw8Lm9
10  FJS8eDt5xeeyabbeEqyRV9W8uQ62BYnX
10  FQIgwPiuPKftkFhIy9Nzm94sWdNGTlHd
10  fuBEcq8TyETrSmuD2yQRmvp42K2jlWdH
10  fWBv5AzQI14holge9okDaOvrgL7NGNTr
10  gAAoAApNgD1pS0c9OTGWdsGTIwRDgY0M
10  gOtGle2Dg1bG8UaS5hN6CjIF14eGM4Qu
10  GuRn8oi7ecl8kSzTh1GrlHXhcFaNBF7f
10  H4ZQ34QTyLVVE6Q8nSQVQjtt7gAVztVX
10  hA2abugfwKD5OEdFW4hSBacALoJiJSKg
10  HbIahMn0Q6vzNgo1RFXG7GPp8nQ90O56
10  HmDZyN0zxPJAkwcaZKhru6S9vFbGuJOg
10  hWy3uJOV7nE8P26AjcCusGfgHo5ILfM6
10  i7Ith55pB4DL8SoytpbodUwBodotTGjk
10  JDr0GA5HspKsYLSpdOBCH6kHT71czynh
10  jL32h6jpv6GGSCRoDBAyECslrqkJQkm7
10  Kbv13vGt7e4r4KFPCw688NivbBr5K1hs
10  kjIuqjobFBhKw9Mmfj2wAnWbXB2VxSfv
10  kkhCyItNHN3wnTVqmE8C3PcZgbVCWuYt
10  KkwvIeB3CtYvsxjslESZwkR589n51cEY
10  KYISscbRkhzx8A10I54jgdbq1sEO98lG
10  l7nwMDTwlZ2ahsqs9EiiiU1zS9oiuTXK
10  LR92hMCqRihyASXr5srJ041d0WUVbdee
10  m1vKmRXwPcZQsvRfjAPA1Oq7haLmy4uu
10  mrgF9gEkQXZKe9E58QfdKcZtG22tMIly
10  mTYRseor14aRwbazgTmVVgM4mDOkZJJ4
10  mvfnErC75MoKu7FCjV75ny7r5v3hPtvN
10  NCO6mwiQQx2Xct00hxWfynfWyAnFLkgZ
10  nj1s0u8MNekTeuJ7dLQW31zwtsRdHLQe
10  NRPT61QwcINsfTDrLO2dpFUhayZehqT0
10  nyPmwN4SQuTg8M8Cx4anpQQMLvwBsycz
10  NzjErDvr4xRMBJox5tSJsGuBGF9Ini2S
10  P8jd7Kr8GXVKTLhe1Y7cVYAARwh4lN4A
```

```
        10  piYrfvTU6JmxKJlXgfsGnMBc2expvE8Q
        10  PQ0a8vewEyqcaKm7P21uKO88lpXupIMi
        10  pVukrvfmtzHjUQkr4j8N4ri6lWOMbDYj
        10  pWagnmV56wxV241gY75RPloSDlRTWOA7
        10  q519Xqdlz3wnk3tjmiqzxZRB2rdsYv5o
        10  Q5jKs4g4YYQtlgCfRZ5Joh9jwRAtN4Q0
        10  qcm9OMrZwofpcM8CsuTffc9LKRp50Bwk
        10  qtUQnuIjoLTNwviHPE6yULyPEVUuag5K
        10  Qu5gLayacFzgkk6Qy2aAY9tMvAAMm8vh
        10  Rlaj8VWIHkYsAg42TsFplgAd4ekjgR2X
        10  RyLqqJ3d9ocx0ICbF5x9pMiXPAqXtxoH
        10  s4KiXmQhsCpX4zbIDIeVWKaRJWHwYaHm
        10  swXvCokPAhVazCnl9rPeLXWYHIC5yj8h
        10  t4924Or8OK04Bd6NSXPwlGRaYWcG2pfo
        10  t9IKaY2XcYiDkUXvWE2JOZKIdZvpDXt3
        10  tbwqIearQexlJbmkwluaaa7ZoPXLSuXe
        10  TCXcLHZOAPbd1osXWeuNqltMylxtlUVr
        10  TM3NCu6BEfCirP0jPZxtUm8NX2ypTAF5
        10  TOWEeiT4P5TcGnZ2pyG63NKEvTm0MdPg
        10  tUlwNyLyJjRiFaj4n0oN5cvoUlJKpW8m
        10  TzjPxJ7VQMAEB3R4cvQOOq6jr0KelLQe
        10  uw9mhc4SblNVn8TcIR202ar0ejoUv1bX
        10  vlsSKqk3yVx2PZxIkBuZPR3KKIf8hGi1
        10  Vpj0ntqaDt8nWZL7Hf7QKJX8okOqoI79
        10  vwy1ljezuLueU0DgNTKf4ODgnSKmspJA
        10  WcJIGAlq3VP6b0d7uGzMEjv8awnJst1n
        10  WMgbyqEed5iHRvsI5bVMypuXlQh1dkIJ
        10  x18U8IZqzElHvbzuvBIkLHoX60JnsIH6
        10  X7oolq8RgTxDAJVn6XqHZqQsIXWT5ebi
        10  XRTmJCR9zWNbTt7xZyeqIjH1u1TM1qDx
        10  xtcg9IZotPgfR7qGI8V0jd7L6XErPgih
        10  YIcCD3TC5p6UKk44dVtyHktC7DjFm2jf
        10  YMFh71LtzL97GBBRng0YQUmKm4fsVYDO
        10  yPrvV3lIXlttYCnHE6NILDZWmlMiUIcK
        10  YQEGfxSoUTNa0rT9aDX7SvFM9nlt8h6z
        10  yqKbkKmzg8RV8v3GbtfuMktHvWoVDLo6
        10  zOTIYMCpuvJ0DZGzoEwqIYc19SkIVQdl
        10  zwhYlyTRS3mNMsud9hapW5MDorCIGM0r
bandit8@bandit:~$ cat data.txt | sort | uniq -u
EN632PlfYiZbn3PhVK3XOGSlNInNE00t
bandit8@bandit:~$ exit

(base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit9 -p 2220
bandit.labs.overthewire.org
bandit9@bandit:~$ ls
data.txt
bandit9@bandit:~$ ^C
bandit9@bandit:~$ grep"="
Command 'grep=' not found, did you mean:
  command 'grep' from deb grep (3.7-1build1)
Try: apt install <deb name>
bandit9@bandit:~$ strings data.txt | grep "="
=2""L(
x]T========= theG)"
========= passwordk^
Y=xW
```

```
t%=q
========== is
4=}D3
{1\=
FC&=z
=Y!m
    $/2`)=Y
4_Q=\
MO=(
?=|J
WX=DA
{TbJ;=l
[=lI
========== G7w8LIi6J3kTb8A7j9LgrywtEUlyyp6s
>8=6
=r=_
=uea
zl=4
bandit9@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.

base) sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit10 -p 2220
bandit.labs.overthewire.org
bandit10@bandit:~$ ls
data.txt
bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIDZ6UGV6aUxkUjJSS05kTllGTmI2blZDS3pwaGxYSEJNCg==
bandit10@bandit:~$ -d data.txt
-d: command not found
bandit10@bandit:~$ base64 -d data.txt
The password is 6zPeziLdR2RKNdNYFNb6nVCKzphlXHBM
bandit10@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
sanvijain@Sanvis-MacBook-Pro ~ % ssh -l bandit11 -p 2220
bandit.labs.overthewire.org
```