

COGNIZANCE

TASK-7

NAME: AYYAPASETTI ABHINAV

ROLL NO: 21009

CLASS: CSE-A

LEVEL 0:

Password:bandit0

```
bandit0@bandit: ~  
abhi@abhi-VirtualBox:~$ ssh bandit0@bandit.labs.overthewire.org -p 2220  
The authenticity of host '[bandit.labs.overthewire.org]:2220 ([176.9.9.172]:2220)' can't be established.  
ECDSA key fingerprint is SHA256:98UL0ZW85496EtCRkKlo20X30PnyPSB5tB5RPbhczc.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '[bandit.labs.overthewire.org]:2220,[176.9.9.172]:2220' (ECDSA) to the list of known hosts.  
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames  
  
bandit0@bandit.labs.overthewire.org's password:  
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux  
  
www. ver he ire.org  
  
Welcome to OverTheWire!
```

LEVEL 0 to LEVEL 1:

```
bandit0@bandit:~$ ls
readme
bandit0@bandit:~$ cat readme
boJ9jbbUNNfktd780Opsq0ltutMc3MY1
bandit0@bandit:~$ logout
Connection to bandit.labs.overthewire.org closed.
```

Password: boJ9jbbUNNfktd7800psq0ltutMc3MY1

```
abhi@abhi-VirtualBox:~$ ssh bandit1@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit1@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



```
www.OverTheWire.org

Welcome to OverTheWire!
```


LEVEL 1 to LEVEL 2:

```
bandit1@bandit:~$ ls
-
bandit1@bandit:~$ ls -a
- . . . .bash_logout .bashrc .profile
bandit1@bandit:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
```

Password: CV1DtqXWVFXTvM2F0k09Shz0YwRINYA9

```
abhi@abhi-VirtualBox:~$ ssh bandit2@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit2@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo consists of the words "OverTheWire" in a stylized font where each letter is formed by a complex arrangement of small dashes and dots. Below the main text, the website address "www.overthewire.org" is displayed in a smaller, simpler font.

```
www. ver he ire.org
```

```
Welcome to OverTheWire!
```

LEVEL 2 to LEVEL 3:

```
bandit2@bandit:~$ ls
spaces in this filename
bandit2@bandit:~$ cat spaces\ in\ this\ filename
UmHadQc1WmgdLOKQ3YNggjWxGoRmb5luK
bandit2@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Password: UmHadQclWmgdLOKQ3YNgiWxGoRMb5luK

```
abhi@abhi-VirtualBox:~$ ssh bandit3@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit3@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo consists of three stylized figures made of dashed lines, each holding a flag. The first figure holds a flag with "www.", the second holds a flag with "ver", and the third holds a flag with "he". Below the figures, the text "ire.org" is displayed.

```
Welcome to OverTheWire!
```

LEVEL 3 to LEVEL 4:

```
bandit3@bandit:~$ ls -la
.  ..  .bash_logout  .bashrc  .profile
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls -la
.  ..  .hidden
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Password: plwrPrtPN36QITSp3EQaw936yaFoFgAB

```
abhi@abhi-VirtualBox:~$ ssh bandit4@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit4@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo for OverTheWire.org is displayed in a large, stylized font. The letters are composed of a grid of small characters, including slashes, backslashes, and dots, creating a pixelated or ASCII-art effect. Below the main logo, the text "www.OverTheWire.org" is visible in a smaller, similar font.

```
www.OverTheWire.org
```

```
Welcome to OverTheWire!
```

LEVEL 4 to LEVEL 5:

```
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$ ls -l
total 40
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file00
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file01
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file02
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file03
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file04
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file05
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file06
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file07
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file08
-rw-r----- 1 bandit5 bandit4 33 May  7  2020 -file09
```



```
bandit4@bandit:~/inhere$ file ./-*
./-file00: data
./-file01: data
./-file02: data
./-file03: data
./-file04: data
./-file05: data
./-file06: data
./-file07: ASCII text
./-file08: data
./-file09: data
bandit4@bandit:~/inhere$ cat ./-file07
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
bandit4@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Password: koReBOKulDDepwhWk7jZC0RTdopnAYKh

```
abhi@abhi-VirtualBox:~$ ssh bandit5@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit5@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo consists of the words "OverTheWire" in a large, stylized font where each letter is formed by a complex arrangement of small dashes and dots. Below the letters, the website address "www.overthewire.org" is written in a smaller, simple monospace font.

```
www.      ver          he          ire.org

Welcome to OverTheWire!
```

LEVEL 5 to LEVEL 6:

```
bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd inhere
bandit5@bandit:~/inhere$ find -type f -size 1033c ! -executable
./maybehere07/.file2
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```

Password: DXjZPULLxYr17uwoI01bNLQbtFemEgo7

```
abhi@abhi-VirtualBox:~$ ssh bandit6@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit6@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo for OverTheWire.org is displayed in a large, stylized font. It features the words "OverTheWire" in a bold, blocky typeface, with the "O" and "W" being particularly large and prominent. Below the main text, the website address "www.overthewire.org" is written in a smaller, simpler font.

LEVEL 6 to LEVEL 7:

```
bandit6@bandit:~$ ls
bandit6@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile
bandit6@bandit:~$ find / -user bandit7 -group bandit6 -size 33c
find: '/root': Permission denied
find: '/home/bandit28-git': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit5/inhere': Permission denied
find: '/home/bandit27-git': Permission denied
find: '/home/bandit29-git': Permission denied
find: '/home/bandit31-git': Permission denied
find: '/lost+found': Permission denied
find: '/etc/ssl/private': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/lvm/archive': Permission denied
find: '/etc/lvm/backup': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/proc/tty/driver': Permission denied
find: '/proc/29117/task/29117/fd/6': No such file or directory
find: '/proc/29117/task/29117/fdinfo/6': No such file or directory
find: '/proc/29117/fd/5': No such file or directory
find: '/proc/29117/fdinfo/5': No such file or directory
find: '/cgroup2/csessions': Permission denied
find: '/boot/lost+found': Permission denied
find: '/tmp': Permission denied
find: '/run/lvm': Permission denied
find: '/run/screen/S-bandit1': Permission denied
find: '/run/screen/S-bandit10': Permission denied
find: '/run/screen/S-bandit29': Permission denied
find: '/run/screen/S-bandit25': Permission denied
find: '/run/screen/S-bandit30': Permission denied
find: '/run/screen/S-bandit9': Permission denied
find: '/run/screen/S-bandit28': Permission denied
find: '/run/screen/S-bandit18': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/screen/S-bandit12': Permission denied
find: '/run/screen/S-bandit5': Permission denied
find: '/run/screen/S-bandit7': Permission denied
find: '/run/screen/S-bandit16': Permission denied
find: '/run/screen/S-bandit26': Permission denied
find: '/run/screen/S-bandit8': Permission denied
find: '/run/screen/S-bandit15': Permission denied
find: '/run/screen/S-bandit4': Permission denied
find: '/run/screen/S-bandit3': Permission denied
```



```
find: '/run/screen/S-bandit8': Permission denied
find: '/run/screen/S-bandit15': Permission denied
find: '/run/screen/S-bandit4': Permission denied
find: '/run/screen/S-bandit3': Permission denied
find: '/run/screen/S-bandit19': Permission denied
find: '/run/screen/S-bandit31': Permission denied
find: '/run/screen/S-bandit17': Permission denied
find: '/run/screen/S-bandit2': Permission denied
find: '/run/screen/S-bandit22': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/screen/S-bandit14': Permission denied
find: '/run/screen/S-bandit13': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/shm': Permission denied
find: '/run/lock/lvm': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/tmp': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/polkit-1': Permission denied
/var/lib/dpkg/info/bandit7.password
find: '/var/log': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
bandit6@bandit:~$ /var/lib/dpkg/info/bandit7.password
-bash: /var/lib/dpkg/info/bandit7.password: Permission denied
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
```

Password: HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

```
abhi@abhi-VirtualBox:~$ ssh bandit7@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit7@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

      .--.  .--.  .--.
     /  /  /  /  /  /
    /  /  /  /  /  /
   /  /  /  /  /  /
  /  /  /  /  /  /
 /  /  /  /  /  /
/  /  /  /  /  /

www.   ver   he   ire.org

Welcome to OverTheWire!
```

LEVEL 7 to LEVEL 8 :

```
bandit7@bandit:~$ ls
data.txt
bandit7@bandit:~$ cat data.txt | grep millionth
millionth      cvX2JJJa4CFALtqS87jk27qwqGhBM9plV
bandit7@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Password: cvX2JJ4CFAltqS87jk27qwqGhBM9plV

```
abhi@abhi-VirtualBox:~$ ssh bandit8@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit8@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo consists of the words "OverTheWire" in a large, stylized font where each letter is formed by a grid of small dashes. Below the main text, the website address "www.overthewire.org" is displayed in a smaller, standard monospaced font.

```
www.overthewire.org
```

```
Welcome to OverTheWire!
```

LEVEL 8 to LEVEL 9 :

```
bandit8@bandit:~$ ls
data.txt
bandit8@bandit:~$ cat data.txt
VkBAEWyIibVkeURZV5mowiGg6i3m7Be0
zdd2ctVver0GeiS2WE3TeLZMeL5jL7iR
sYSokIATVvFUKU4sAHTtMarfjLZWwj5i
ySvsTwlMgnUF0n86Fgmn2TNjkSOLrV72
NLWvtQvL7EaqBNx2x4eznRLQONULLCYZ
LfrBHfAh0pP9bgGAZP4QrVkut3pysAYC
U0NYdD3wHZKpfEg9qGQOLJiMAJy6qxhS
flyKxCbHB8uLTaIB5LXqQNuJj3yj00eh
TThRardF2ZEXM047TIYkyPPLtvzzLcDf
cIPbot7oYveUPNXDMhv1hiri50CqpkTG
kJTBMD8k90HyXwZ2aJMqkV23u0gyuoIO
J6Lzp6ZqTJsOuJRTXcvhwKfM0KK3XtbL
NLWvtQvL7EaqBNx2x4eznRLQONULLCYZ
0N65ZPPNgKUJePzFxcctCRZXVrCbUGfm
SHMAMUEzQe4mV7SJPETTzFsyNRJsZE2k
I3fc578VL7a7mOQ1t9zArPPOPY7aDVBCJ
8jtZmvqp9PTi8tp1oybBM663NQH3fhII
1ETSSKgjfQj1cJeFzXLJWzKzza3iWcJa
bRnktwNdxFy2RPZiShXJikswWzJGvJ9
0Xo6DLyK5izRqEtBMA7sW2SRmlAixWYSg
iIa0HQqGZLdImomwMQaGIF7vib1RmXBh
nJRh4MipH7ZLdmFmFylFc1NLqmywgxDsdoI
337o85v40ymIh99WPUtotkb114evfAkC
```



```
bandit8@bandit:~$ sort data.txt
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
0N65ZPpNGkUJePzFxctCRZRXXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXXVrCbUGfm
```

```
bandit8@bandit:~$ sort data.txt | uniq -c
10 07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
10 0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
10 0N65ZPpNGkUJePzFxctCRZRXXVrCbUGfm
10 0Xo6DLyK5izRqEtBA7sW2SRmlAixWYSg
10 10XitczY5Dz7UMoseKIeFWSzzwQrylfw
10 1ETssKgjfQj1cJeFzXLJWzKzza3iWcJa
10 1T6qw9I32d71cS3TTvwmVp1WsxPFDJ9I
10 2bFz9F0yRwxGzVCZ4Er04bk00qfUrzWb
10 2CxmtCkpNL5ZjuoNzAtShkPXf5T43W7s
10 337o85y40ymIh99WPUtotkb114evfAkC
10 33xpPQhjt4Q2mqtX4sCVRwH2Zyh82E8R
10 4SMqyZZztep75cte6xxKpVL49pKUKv8N
10 5AdqWjoJOEdx5tJmZVBMo0K2e4ard3ZW
10 5c08XuoQWrzsye0WDht8zgUIVWSRDaec
10 6PF22p608TphCTZot9ApZx8VfGuo8rd5
10 7KaMzgnYMUeMISP9vuT3Dvsc06qfqa9u
10 7uhj3nhe4AS0esnnEZHBZN67fJ8BFjM
10 8jtZmvqp9PTi8tp1oybBM663NQH3fhII
10 8NtHZnWzCA8HswoJSCU70Jg8nP3eKpsA
10 aR2QhaBoDMncvJqPWkvLXMzEx9meBIbX
10 BccauS9LeE8NUz4HVLXUwE8M1LWisPlG
10 bRnktwNdxFy2RPZishXJikswEzJGvJ9
10 cIPbot7oYveUPNxDMhvihiri50CqpkTG
10 cR6risWC0ST7ALZ2i1e47r3gc0QxShGo
10 CUqLkjIo0Jz9fNgrjPxiPa7PGGC1wpTQ
10 dGnfd2LoqTi01MBf2vmqw1KKEWSHFmkJ
10 dqd5wTV01cVPJoEY7GGkCdGxG6ZYqW98
10 dqnvnNxL4QR3ALq95ckhZwEpl77cRgF4
10 DqPqVp8YCjZ1vFscLwRTg13EuSc2D52X
10 dV0aGghk6mB4ZJX1aTTluAUIvLWToTYr
10 DxxLvJl6cGHXLT7OW4xqS7Qrfny1K01l
```

1 UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr

```
10 0j5vBcQKc9qQcZQcBnkZVn9XfNEbNE
1 1 UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr
10 UVnZvhtVQECraz5jL8U14sMVZQhjuXia
10 V2d9umHluPLYLIDsuHj0frOEmreCZMaA
10 v9zaxkVA0dIOlITZY2uoCtB1fX2gmly9
10 VkBAEWyIibVkeURZV5mowiGg6i3m7Be0
10 w4zUWFGTURAAh8lNkS8gH3WK2zowBEkA
10 WBqr9xvf6mYTT5kLcTGCg6jb3ex94xWr
10 wjNwumEX58RUQTrufHMcIWz5Yx10GtTC
10 X1JHOUkrb4KgugMXIzMMWWIWvRkeZleTI
10 XyeJdbrUJyGtdGx8cXLQST0pwu5cvpcA
10 yo0HbSe2GM0jJNhrQLxwoPp7ayYEmRKY
10 ySvsTwLMgnUF0n86Fgmn2TNjkS0LrV72
10 Z90C6DQpppreChPhwRJJV9YttrxNVcO
10 zdd2ctVveR0GeiS2WE3TeLZMeL5jL7iM
bandit8@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Password: UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr

```
abhi@abhi-VirtualBox:~$ ssh bandit9@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit9@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

  OoT  W  iRe
  www.   ver   he   ire.org

Welcome to OverTheWire!
```

LEVEL 9 to LEVEL 10:

```
bandit9@bandit:~$ ls
data.txt
bandit9@bandit:~$ strings data.txt | grep "="
===== the*2i"4
=:G e
===== password
<I=zsGi
Z)====== is
A=|t&E
Zdb=
c^ LAh=3G
*SF=s
&===== truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
S=A.H&^
bandit9@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Password: truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk


```
abhi@abhi-VirtualBox:~$ ssh bandit10@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit10@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo consists of the words "OverTheWire" where each letter is constructed from various patterns of dots and dashes, resembling a wireframe or circuit board design.

www.verheire.org

```
Welcome to OverTheWire!
```

LEVEL 10 to LEVEL 11:

```
bandit10@bandit:~$ cat data.txt
VGhliHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBScg==
bandit10@bandit:~$ man base64
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8MQq3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Password: IFukwKGsFW8MOq3IRFgrxE1hxTNEbUPR

```
abhi@abhi-VirtualBox:~$ ssh bandit11@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit11@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo consists of the words "OverTheWire" in a stylized font where each letter is formed by a grid of small dashes. Below the letters, the website address "www.overthewire.org" is written in a simple, lowercase sans-serif font.

```
www. over he ire.org
```

```
Welcome to OverTheWire!
```

LEVEL 11 to LEVEL 12:

```
bandit11@bandit:~$ ls
data.txt
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHH
bandit11@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```




```
abhi@abhi-VirtualBox:~$ ssh bandit12@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit12@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



The logo consists of the words "OverTheWire" in a stylized font where each letter is formed by a complex arrangement of small dashes and dots. Below the main text, the website address "www.overthewire.org" is displayed in a smaller, simpler font.

```
www.overthewire.org
```

```
Welcome to OverTheWire!
```

LEVEL 12 to LEVEL 13:

```
bandit12@bandit:~$ ls -la
.  .. .bash_logout .bashrc data.txt .profile
bandit12@bandit:~$ mkdir /tmp/abhi
bandit12@bandit:~$ cp data.txt /tmp/abhi
bandit12@bandit:~$ cd /tmp/abhi
bandit12@bandit:/tmp/abhi$ ls
data.txt
bandit12@bandit:/tmp/abhi$ file data.txt
data.txt: ASCII text
bandit12@bandit:/tmp/abhi$ cat data.txt
00000000: 1f8b 0808 0650 b45e 0203 6461 7461 322e .....P.^..data2.
00000010: 6269 6e00 013d 02c2 fd42 5a68 3931 4159 bin..=...BZh91AY
00000020: 2653 598e 4f1c c800 001e 7fff fbf9 7fda &SY.O.....
00000030: 9e7f 4f76 9fcf fe7d 3fff f67d abde 5e9f ..Ov...}??..}..^
00000040: f3fe 9fbf f6f1 feee bfdf a3ff b001 3b1b .....;
00000050: 5481 a1a0 1ea0 1a34 d0d0 001a 68d3 4683 T.....4....h.F.
00000060: 4680 0680 0034 1918 4c4d 190c 4000 0001 F....4...LM..@...
00000070: a000 c87a 81a3 464d a8d3 43c5 1068 0346 ...z..FM..C..h.F
00000080: 8343 40d0 3400 0340 66a6 8068 0cd4 f500 .C@.4...@f..h...
00000090: 69ea 6800 0f50 68f2 4d00 680d 06ca 0190 i.h..Ph.M.h....
000000a0: 0000 69a1 a1a0 1ea0 194d 340d 1ea1 b280 ..i.....M4....
000000b0: f500 3406 2340 034d 3400 0000 3403 d400 ..4.#@.M4...4...
000000c0: 1a07 a832 3400 f51a 0003 43d4 0068 0d34 ...24....C..h.4
000000d0: 6868 f51a 3d43 2580 3e58 061a 2c89 6bf3 hh...=C%..>X...k.
000000e0: 0163 08ab dc31 91cd 1747 599b e401 0b06 .c...1...GY.....
000000f0: a8b1 7255 a3b2 9cf9 75cc f106 941b 347a ..rU....u.....4z
00000100: d616 55cc 2ef2 9d46 e7d1 3050 b5fb 76eb ..U....F...@P...v.
00000110: 01f8 60c1 2201 33f0 0de0 4aa6 ec8c 914f ..".3...J...h...O
00000120: cf8a aed5 7b52 4270 8d51 6978 c159 8b5a ....{RBp.Qix.Y.Z
00000130: 2164 fb1f c26a 8d28 b414 e690 bfdd b3e1 ld...j.(.....
00000140: f414 2f9e d041 c523 b641 ac08 0c0b 06f5 ../.A.#.A.....
00000150: dd64 b862 1158 3f9e 897a 8cae 32b0 1fb7 .d.b.X?..z..2...
00000160: 3c82 af41 20fd 6e7d 0a35 2833 41bd de0c <..A..n}.5(3A...
00000170: 774f ae52 a1ac 0fb2 8c36 ef58 537b f30a wO.R.....6.XS{..
00000180: 1510 cab5 cb51 4231 95a4 d045 b95c ea09 ....QB1...E.\...
00000190: 9fa0 4d33 ba43 22c9 b5be d0ea eeb7 ec85 ..M3.C".....
000001a0: 59fc 8bf1 97a0 87a5 0df0 7acd d555 fc11 Y.....z...U...
000001b0: 223f fdc6 2be3 e809 c974 271a 920e acbc "?..+....t'....
000001c0: 0de1 f1a6 393f 4cf5 50eb 7942 86c3 3d7a ....9?L.P.yB...=z
000001d0: fe6d 173f a84c bb4e 742a fc37 7b71 508a .m.?..L.Nt*.7{qP.
000001e0: a2cc 9cf1 2522 8a77 39f2 716d 34f9 8620 ....%"..w9.qm4...
000001f0: 4e33 ca36 eec0 cd4b b3e8 48e4 8b91 5bea N3.6...K...H...[.
00000200: 01b7 7d21 0b64 82c0 3341 3424 e98b 4d7e ..}!.d...3A4$..M~
00000210: c95c 1b1f cac9 a04a 1988 43b2 6b55 c6a6 .\.....J...C.kU..
00000220: 075c 1eb4 8ecf 5cdf 4653 064e 84da 263d .\....\..FS.N...&=
00000230: b15b bcea 7109 5c29 c524 3afc d715 4894 .[.q.\\).$:...H.
00000240: 7426 072f fc28 ab05 9603 b3fc 5dc9 14e1 t&/.(.....]...
00000250: 4242 393c 7320 98f7 681d 3d02 0000 BB9<s ..h.=...
bandit12@bandit:/tmp/abhi$ xxd -r data.txt data
bandit12@bandit:/tmp/abhi$ file data
data: gzip compressed data, was "data2.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/abhi$ mv data file.gz
bandit12@bandit:/tmp/abhi$ gzip -d file.gz
bandit12@bandit:/tmp/abhi$ ls
data.txt file
bandit12@bandit:/tmp/abhi$ file file
file: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/abhi$ mv file file.bz2
bandit12@bandit:/tmp/abhi$ bzip2 -d file.bz2
bandit12@bandit:/tmp/abhi$ ls
data.txt file
bandit12@bandit:/tmp/abhi$ file file
file: gzip compressed data, was "data4.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/abhi$ mv file file.gz
bandit12@bandit:/tmp/abhi$ gzip -d file.gz
bandit12@bandit:/tmp/abhi$ ls
data.txt file
bandit12@bandit:/tmp/abhi$ file file
file: POSIX tar archive (GNU)
bandit12@bandit:/tmp/abhi$ mv file file.tar
bandit12@bandit:/tmp/abhi$ tar xf file.tar
bandit12@bandit:/tmp/abhi$ ls
data5.bin data.txt file.tar
bandit12@bandit:/tmp/abhi$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/abhi$ rm file.tar
bandit12@bandit:/tmp/abhi$ rm data
rm: cannot remove 'data': No such file or directory
bandit12@bandit:/tmp/abhi$ rm data.txt
bandit12@bandit:/tmp/abhi$ ls
data5.bin
bandit12@bandit:/tmp/abhi$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/abhi$ mv data5.bin data.tar
bandit12@bandit:/tmp/abhi$ tar xf data.tar
bandit12@bandit:/tmp/abhi$ ls
data6.bin data.tar
bandit12@bandit:/tmp/abhi$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
```



```

bandit12@bandit:/tmp/abhi$ mv data6.bin data.bz2
bandit12@bandit:/tmp/abhi$ ls
data.bz2  data.tar
bandit12@bandit:/tmp/abhi$ bzip2 -d data.bz2
bandit12@bandit:/tmp/abhi$ ls
data  data.tar
bandit12@bandit:/tmp/abhi$ file data
data: POSIX tar archive (GNU)
bandit12@bandit:/tmp/abhi$ mv data data.tar
bandit12@bandit:/tmp/abhi$ ls
data.tar
bandit12@bandit:/tmp/abhi$ tar xf data.tar
bandit12@bandit:/tmp/abhi$ ls
data8.bin  data.tar
bandit12@bandit:/tmp/abhi$ file data8.bin
data8.bin: gzip compressed data, was "data9.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/abhi$ mv data8.bin data.gz
bandit12@bandit:/tmp/abhi$ ls
data.gz  data.tar
bandit12@bandit:/tmp/abhi$ gzip -d data.gz
bandit12@bandit:/tmp/abhi$ ls
data  data.tar
bandit12@bandit:/tmp/abhi$ file data
data: ASCII text
bandit12@bandit:/tmp/abhi$ cat data
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
bandit12@bandit:/tmp/abhi$ exit
logout
Connection to bandit.labs.overthewire.org closed.

```

Password: 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

LEVEL 13 to LEVEL 14:

```

abhi@abhi-VirtualBox:~$ ssh bandit13@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit13@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

```



The logo for OverTheWire, featuring the words "OverTheWire" in a stylized, blocky font. Below the logo, the text "www.OverTheWire.org" is displayed.

Welcome to OverTheWire!

```

bandit13@bandit:~$ ls
sshkey.private
bandit13@bandit:~$ ssh -i sshkey.private bandit14@localhost
Could not create directory '/home/bandit13/.ssh'.
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98UL0ZW85496EtCRkKlo20X30PnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no)? yes
Failed to add the host to the list of known hosts (/home/bandit13/.ssh/known_hosts).
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

```



The logo for OverTheWire, featuring the words "OverTheWire" in a stylized, blocky font. Below the logo, the text "www.OverTheWire.org" is displayed.

Welcome to OverTheWire!


```
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHlqxU3b3e
```

Password: 4wcYUJFw0k0XLShlDzztnTBHlqxU3b3e

LEVEL 14 to LEVEL 15:

```
bandit14@bandit:~$ nc localhost 30000
4wcYUJFw0k0XLShlDzztnTBHlqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
```

```
bandit14@bandit:~$ exit
logout
Connection to localhost closed.
bandit13@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Password: BfMYroe26WYalil77FoDi9qh59eK5xNr

```
abhi@abhi-VirtualBox:~$ ssh bandit15@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit15@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

The logo for OverTheWire, featuring the words "OverTheWire" in a stylized, blocky font. The letters are composed of a grid of dots and lines, giving it a digital or ASCII-art appearance. Below the main text, the website address "www.overthewire.org" is written in a smaller, simpler font.

Welcome to OverTheWire!

LEVEL 15 to LEVEL 16:

```
bandit15@bandit:~$ cat /etc/bandit_pass/bandit15
BfMYroe26WYalil77FoDi9qh59eK5xNr
bandit15@bandit:~$ ncat --ssl localhost 30001
BfMYroe26WYalil77FoDi9qh59eK5xNr
Correct!
cluFn7wTiGryunymYOu4RcffSxQluehd
```

Password: cluFn7wTiGryunymYOu4RcffSxQluehd