전공: AI컴퓨터공학전공

학번: 202111509

이름: 보꾸옥안

```
    level8@ftz:∼

                                                                                   X
login as: level8
level8@192.168.228.128's password:
Access denied
level8@192.168.228.128's password:
[level8@ftz level8]$ ls -l
total 12
              1 root
                           level8
                                           109 Jan 14 2010 hint
                                          4096 Feb 24 2002 public html
drwxr-xr-x 2 root
                           level8
drwxrwxr-x 2 root level8
                                          4096 Jan 14 2009 tmp
[level8@ftz level8]$ cat hint
level9 shadow
[level8@ftz level8]$ 202111509
```

```
🔑 level8@ftz:~
                                                                         П
                                                                               X
level9:$1$vkY6sS1G$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
level9:$1$vkY6sS1G$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
level9:$1$vkY6sSlG$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
level9:$1$vkY6sS1G$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
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level9:$1$vkY6sS1G$6RvUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
level9:$1$vkY6sSlG$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
level9:$1$vkY6sSlG$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
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level9:$1$vkY6sSlG$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
level9:$1$vkY6sSlG$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
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level9:$1$vkY6sS1G$6RyUXtNMEVGsfY7Xf0wps.:11040:0:99999:7:-1:-1:134549524
[level8@ftz level8]$ 202111509
```

```
PowerShell 7 (x64)
                                                                                                                                                                                                                                                                                                                                                                                                                                                     PS D:\john-1.9.0-jumbo-1-win64\run> .\john.exe
John the Ripper 1.9.0-jumbo-1 OMP [cygwin 64-bit x86_64 AVX2 AC]
Copyright (c) 1996-2019 by Solar Designer and others
Homepage: http://www.openwall.com/john/
      sage: john [OPTIONS] [PASSWORD-FILES]
-single[=SECTION[,..]] "single cra
                                                                                                       SWORD-FILES]
"single crack" mode, using default or named rules
same, using "immediate" rule(s)
wordlist mode, read words from FILE or stdin
like --stdin, but bulk reads, and allows rules
like --wordlist, but extract words from a .pot file
      -single=scolon[,..]
-single=:rule[,..]
-wordlist[=FILE] --stdin
                                                                                                     like --stdin, but bulk reads, and allows rules
like --wordlist, but extract words from a .pot file
suppress all dupes in wordlist (and force preload)
PRINCE mode, read words from FILE
input encoding (eg. UTF-8, ISO-8859-1). See also
doc/ENCODINGS and --list=hidden-options.
enable word mangling rules (for wordlist or PRINCE
modes), using default or named rules
same, using "immediate" rule(s)
stacked rules, applied after regular rules or to
modes that otherwise don't support rules
same, using "immediate" rule(s)
"incremental" mode [using section MODE]
mask mode using MASK (or default from john.conf)
"Markov" mode (see doc/MARKOV)
external mode or word filter
"subsets" mode (see doc/SUBSETS)
just output candidate passwords [cut at LENGTH]
restore an interrupted session [called NAME]
give a new session the NAME
print status of a session [called NAME]
make a charset file. It will be overwritten
show cracked passwords [if =left, then uncracked]
run tests and benchmarks for TIME seconds each
[do not] load this (these) user(s) only
load users [not] of this (these) shell(s) only
load users with[out] this (these) shell(s) only
load salts with[out] COUNT [to MAX] hashes
load salts with[out] cost value (cn [to Mn]. For
tunable cost parameters, see doc/OPTIONS
enable memory saving, at LEVEL 1..3
this node's number range out of TOTAL count
fork N processes
pot file to use
                                                                      --pipe
       -loopback[=FILE]
    --dupe-suppression
--prince[=FILE]
--encoding=NAME
      -rules[=SECTION[,..]]
    -rules=:rule[;..]]
-rules-stack=SECTION[,..]
    --rules-stack=:rule[;..]
--incremental[=MODE]
--mask[=MASK]
--markov[=OPTIONS]
--external=MODE
--subsets[=CHARSET]
--stdout[=LENGTH]
      -restore[=NAME]
      -session=NAME
       -status[=NAME]
     -make-charset=FILE
-show[=left]
-test[=TIME]
    --test[=1IME]
--users=[-]LOGIN|UID[,..]
--groups=[-]GID[,..]
--shells=[-]SHELL[,..]
--salts=[-]COUNT[:MAX]
--costs=[-]C[:M][,...]
      -save-memory=LEVEL
-node=MIN[-MAX]/TOTAL
                                                                                                        fork N processes
pot file to use
      -fork=N
-pot=NAME
                                                                                                        list capabilities, see --list=help or doc/OPTIONS set OpenCL device(s) (see --list=opencl-devices) force hash of type NAME. The supported formats can be seen with --list=formats and --list=subformats
       list=WHAT
    --devices=N[,..]
--format=NAME
PS D:\john-1.9.0-jumbo-1-win64\run> .\john.exe ph.txt
stat: ph.txt: No such file or directory
PS D:\john-1.9.0-jumbo-1-win64\run> .\john.exe D:\john-1.9.0-jumbo-1-win64\run\ph.txt
stat: D:\john-1.9.0-jumbo-1-win64\run\ph.txt: No such file or directory
 PS D:\john-1.9.0-jumbo-1-win64\run> john ph.txt
john: The term 'john' is not recognized as a name of a cmdlet, function, script file, or executable program.
Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
 Suggestion [3,General]: The command "john" was not found, but does exist in the current location.
PowerShell does not load commands from the current location by default (see ''Get-Help about_Command_Precedence'').
 If you trust this command, run the following command instead:
PS D:\john-1.9.0-jumbo-1-win64\run> 202111509_
```

