

UNIVERSIDAD TECNOLÓGICA DE PANAMÁ
FACULTAD DE INGENIERÍA DE SISTEMAS COMPUTACIONALES
DEPARTAMENTO DE SISTEMAS DE INFORMACIÓN, CONTROL Y
EVALUACIÓN DE RECURSOS INFORMÁTICOS
LIC. EN ING. DE SISTEMAS DE INFORMACIÓN

SEGURIDAD INFORMÁTICA

QUIZ #1

Commandline Challenge

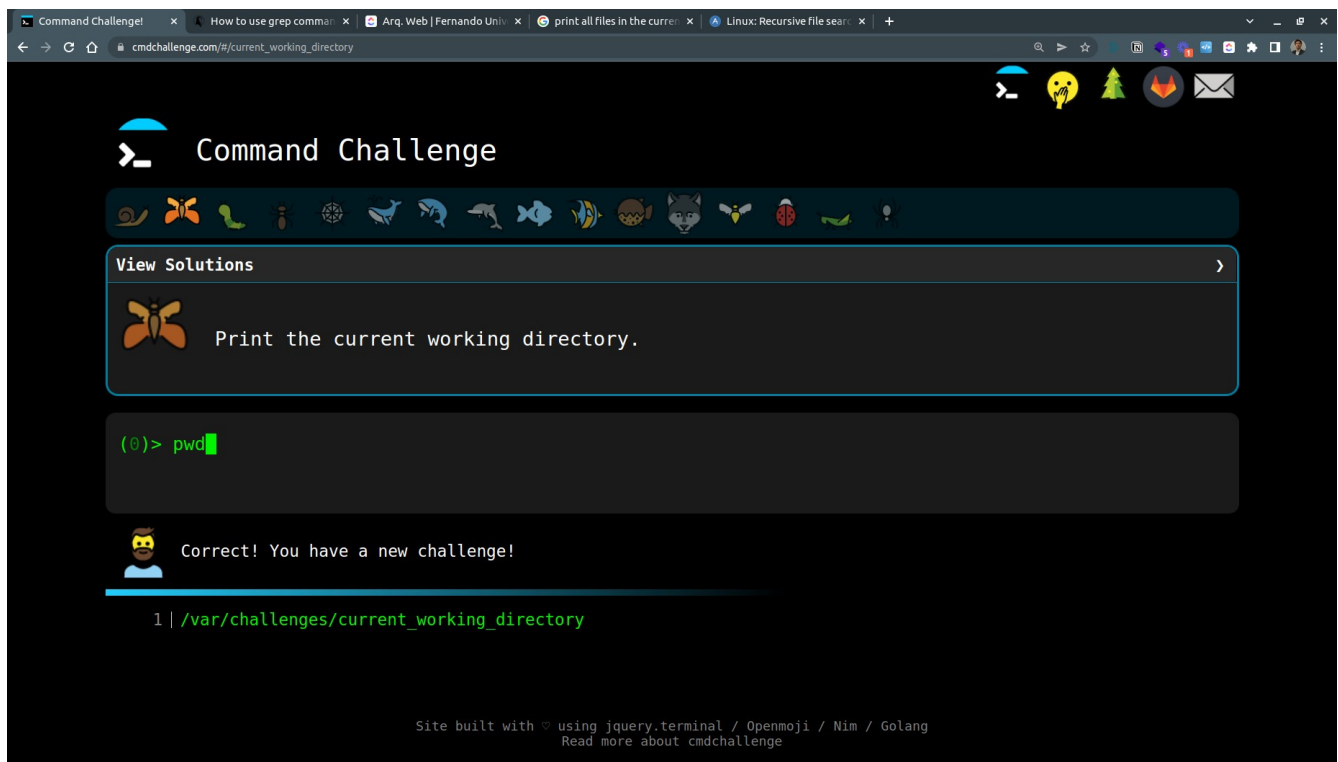
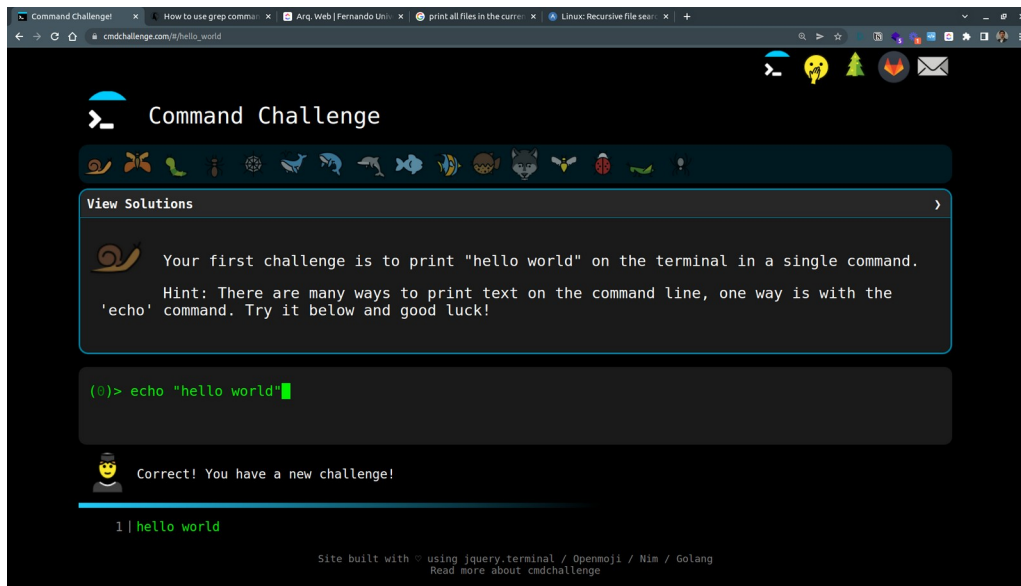
Profesor:

Prof. José Moreno

Integrantes:

Cutire, Fernando (8-972-906)

Grupo: 1IF141



Command Challenge

How to use grep command

Arq. Web | Fernando Univ

print all files in the current

Linux: Recursive file search

cmdchallenge.com/#/print_file_contents

Command Challenge

View Solutions

There is a file named access.log in the current directory. Print the contents.

```
(0)> cat access.log
```


Correct! You have a new challenge!

```
1 163.56.115.58 - - [09/Jan/2017:22:29:57 +0100] "GET /posts/2/display HTTP/1.0" 200 3240
2 75.113.188.234 - - [09/Jan/2017:22:30:43 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 200 1116
3 69.16.40.148 - - [09/Jan/2017:22:34:33 +0100] "GET /pages/create HTTP/1.0" 500 3471
4 225.219.54.140 - - [09/Jan/2017:22:35:30 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 500 2477
5 207.243.19.2 - - [09/Jan/2017:22:38:03 +0100] "GET /bar/create HTTP/1.0" 200 1116
6 199.37.62.156 - - [09/Jan/2017:22:42:18 +0100] "GET /posts/1/display HTTP/1.0" 200 2477
```


Site built with using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge

Command Challenge

View Solutions

 Print the last 5 lines of "access.log".

```
(0)> tail -n 5 access.log
```


 Correct! You have a new challenge!

```
1 199.37.62.156 - - [09/Jan/2017:22:42:18 +0100] "GET /posts/1/display HTTP/1.0" 200 2477
2 55.74.240.123 - - [09/Jan/2017:22:44:25 +0100] "POST /posts/1/display HTTP/1.0" 200 3471
3 251.111.109.143 - - [09/Jan/2017:22:49:02 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 200 2477
4 101.163.230.250 - - [09/Jan/2017:22:52:31 +0100] "DELETE /posts/2/display HTTP/1.0" 404 2477
5 200.19.168.148 - - [09/Jan/2017:22:57:11 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 200 3471
```


Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge

Command Challenge

View Solutions

 Create an empty file named take-the-command-challenge in the current working directory.

```
(0)> touch take-the-command-challenge
```


 Correct! You have a new challenge!

1 |

Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge


Command Challenge

View Solutions




Create an empty file named take-the-command-challenge in the current working directory.

```
(0)> touch take-the-command-challenge
```




Correct! You have a new challenge!

1 |


Site built with  using [jquery.terminal](#) / [Openmoji](#) / [Nim](#) / [Golang](#)
[Read more about cmdchallenge](#)

Command Challenge

View Solutions

 Copy the file named take-the-command-challenge to the directory tmp/files

```
(0)> cp take-the-command-challenge tmp/files
```


 Correct! You have a new challenge!

1 |


Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge

Command Challenge

View Solutions

 Move the file named take-the-command-challenge to the directory tmp/files

```
(0)> mv take-the-command-challenge tmp/files
```


 Correct! You have a new challenge!

1 |

Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge


Command Challenge

View Solutions

 A symbolic link is a type of file that is a reference to another file.

Create a symbolic link named `take-the-command-challenge` that points to the file `tmp/files/take-the-command-challenge`.

```
(0)> ln -s tmp/files/*
```


 Correct! You have a new challenge!

1 |

Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge


Command Challenge

View Solutions

 **Delete all of the files in this challenge directory including all subdirectories and their contents.**

*Hint: There are files and directories that start with a dot ".", "rm -rf *" won't work here!*


```
(0)> find . -delete
```

 Correct! You have a new challenge!

Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge


Command Challenge

View Solutions




There are files in this challenge with different file extensions. Remove all files with the .doc extension recursively in the current working directory.

```
(0)> find . -name "*.doc" -delete
```



Correct! You have a new challenge!

1 |

Site built with  using [jquery.terminal](#) / [Openmoji](#) / [Nim](#) / [Golang](#)
[Read more about cmdchallenge](#)

Command Challenge



View Solutions



There is a file named `access.log` in the current working directory. Print all lines in this file that contains the string `"GET"`.

```
(0)> cat access.log | grep "GET"
```




Correct! You have a new challenge!

```
1 163.56.115.58 - - [09/Jan/2017:22:29:57 +0100] "GET /posts/2/display HTTP/1.0" 200 3240
2 75.113.188.234 - - [09/Jan/2017:22:30:43 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 200 1116
3 69.16.40.148 - - [09/Jan/2017:22:34:33 +0100] "GET /pages/create HTTP/1.0" 500 3471
4 225.219.54.140 - - [09/Jan/2017:22:35:30 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 500 2477
5 207.243.19.2 - - [09/Jan/2017:22:38:03 +0100] "GET /bar/create HTTP/1.0" 200 1116
6 199.37.62.156 - - [09/Jan/2017:22:42:18 +0100] "GET /posts/1/display HTTP/1.0" 200 2477
7 75.111.109.143 - - [09/Jan/2017:22:49:02 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 200 2477
```


Site built with using `jquery.terminal` / `Openmoji` / `Nim` / `Golang`
[Read more about cmdchallenge](#)

Command Challenge

View Solutions

 Print the relative file paths, one path per line for all filenames that start with "access.log" in the current directory.

```
(0)> ls
```


 Correct! You have a new challenge!

```
1 | access.log
2 | access.log.1
3 | access.log.2
```


Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge

Command Challenge

View Solutions

 Extract all IP addresses from files that start with "access.log" printing one IP address per line.

```
(0)> grep -ro ^[0-9.]*
```


 Correct! You have a new challenge!

```
1 | var/log/httpd/access.log:163.56.115.58
2 | var/log/httpd/access.log:75.113.188.234
3 | var/log/httpd/access.log:69.16.40.148
4 | var/log/httpd/access.log:225.219.54.140
```


Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge

Command Challenge

View Solutions

 Count the number of files in the current working directory. Print the number of files as a single integer.

```
(0)> ls -l | wc -l
```


 Correct! You have a new challenge!

1 | 2


Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge

Command Challenge

View Solutions

 Print the contents of access.log sorted.


```
(0)>
```

 Correct! You have a new challenge!


```
1 101.163.230.250 - - [09/Jan/2017:22:52:31 +0100] "DELETE /posts/2/display HTTP/1.0" 404 2477
2 163.56.115.58 - - [09/Jan/2017:22:29:57 +0100] "GET /posts/2/display HTTP/1.0" 200 3240
3 199.37.62.156 - - [09/Jan/2017:22:42:18 +0100] "GET /posts/1/display HTTP/1.0" 200 2477
4 200.19.168.148 - - [09/Jan/2017:22:57:11 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 200 3471
5 207.243.19.2 - - [09/Jan/2017:22:38:03 +0100] "GET /bar/create HTTP/1.0" 200 1116
6 225.219.54.140 - - [09/Jan/2017:22:35:30 +0100] "GET /posts/foo?appID=xxxx HTTP/1.0" 500 2477
```

Site built with ♥ using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge


Command Challenge




View Solutions

 Print the number of lines in access.log that contain the string "GET".


```
(0)> grep -c GET access.log
```

 Correct! You have a new challenge!


1 | 8

Site built with  using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge


Command Challenge




View Solutions

 The file split-me.txt contains a list of numbers separated by a ; character.
Split the numbers on the ; character, one number per line.

```
(0)> tr ';' '\n' < split-me.txt
```

 Correct! You have a new challenge!

```
1 1
2 2
3 3
```

Site built with  using jquery.terminal / Openmoji / Nim / Golang
Read more about cmdchallenge

