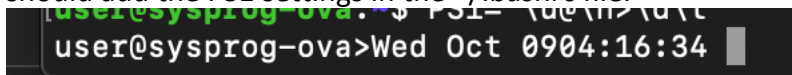


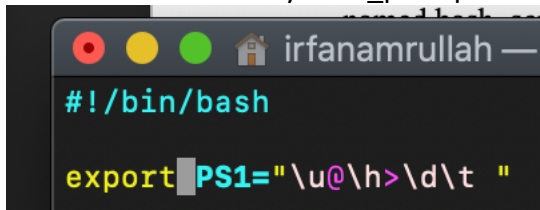
PR 4
Sysprog C
Muhammad Irfan Amrullah / 1706039585

1. My bash_prompt.sh script make your terminal show the times and dates at the time. After I close my bash prompt, the settings back to normal. To make it permanent, I should add the PS1 settings in the ~/.bashrc file.



```
user@sysprog-ova>Wed Oct 09 04:16:34
```

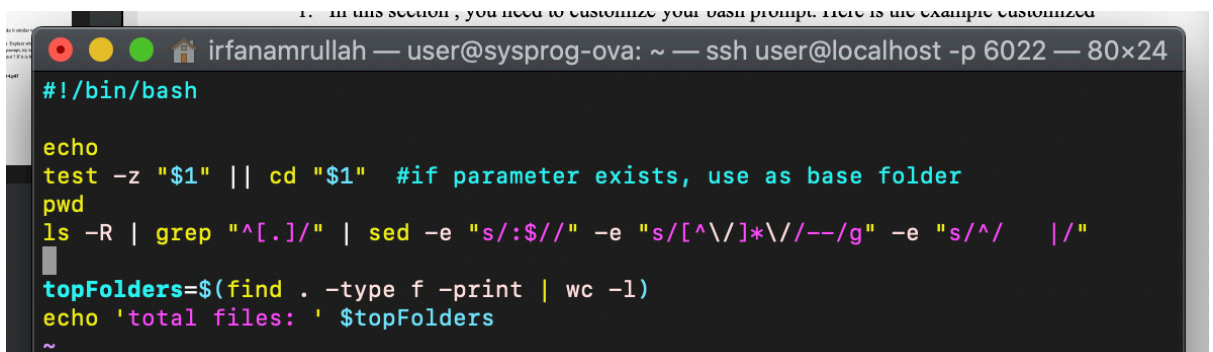
And the content of my bash_prompt.sh is



```
#!/bin/bash
export PS1="\u@\h>\d\t"
```

Part B : Scripting

1. Here's my script.



```
#!/bin/bash
echo
test -z "$1" || cd "$1" #if parameter exists, use as base folder
pwd
ls -R | grep "^[" | sed -e "s/:$//" -e "s/^[^/]*\//--/g" -e "s/^/  /"
topFolders=$(find . -type f -print | wc -l)
echo 'total files: ' $topFolders
```

Here's my script, It will show you the tree folder. And the count of how many files in it.

Part C : Regex

1. a. The regex is `"/^dudut .+ CHuchu$/g"`
2. a. Regex is a sequence of characters that define a search pattern. Biasa digunakan untuk algoritma pencarian string utamanya seperti mencari, mengganti, dan memvalidasi string.
Source: https://en.wikipedia.org/wiki/Regular_expression
b.

.	any character except newline
\w \d \s	word, digit, whitespace
\W \D \S	not word, digit, whitespace
[abc]	any of a, b, or c
[^abc]	not a, b, or c