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**Roll No: 36**

**Batch: B**

**Date: 21-04-2022**

**NETWORKING & SYSTEM ADMINISTRATION LAB**

**Experiment No.: 7**

**Aim**

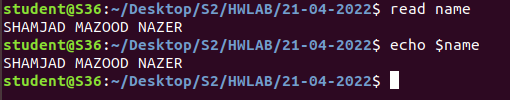
Familirization of linux commands

**Procedure**

1. read : to read the contents of a line to a variable.

$read <variable\_name>

$echo $<variable\_name>



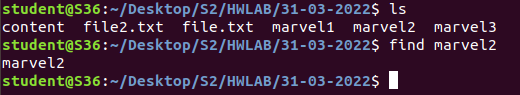
1. locate : find files by name

$locate <file\_name>



1. find : search for files in a directory hierarchy.

$find <file\_name>



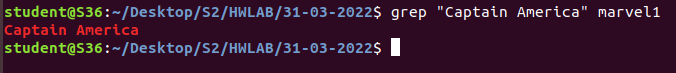
[option]

-i : returns file both uppercase/lowercase (Omit Case Sensitive)

$find -i <file\_name>



1. grep : print lines matching a pattern

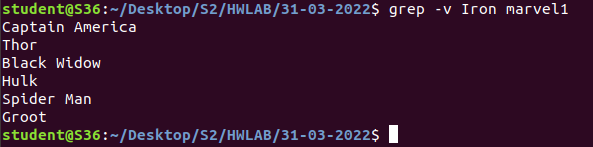


[OPTION]

-i : ignore case distinctions



-v : invert-match; select non-matching lines



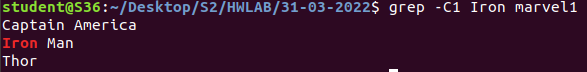
-A1 : print NUM lines of trailing context



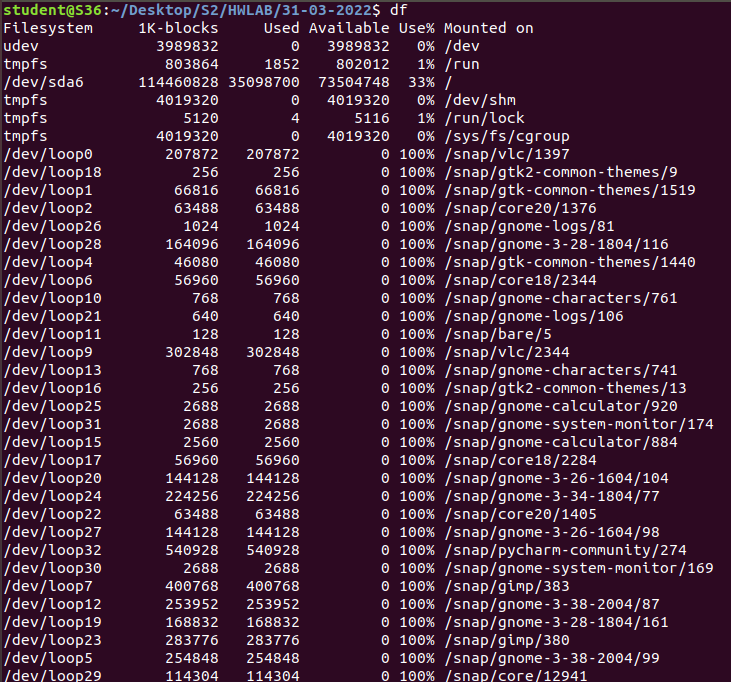
-B1 : print NUM lines of leading context



-C1 : print NUM lines of output context

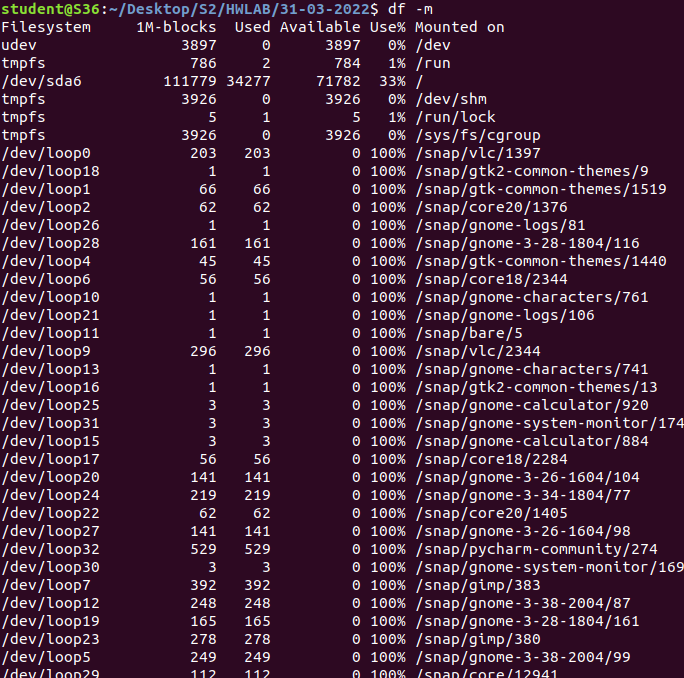


1. df : report file system disk space usage

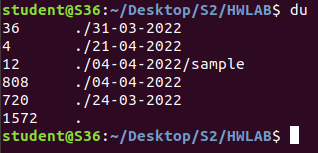


[OPTION]

-m : The SIZE argument is an integer and optional unit (example: 10K is 10\*1024).



1. du : estimate file space usage



1. wc : print newline, word, and byte counts for each file



[OPTION]

-c : print the byte counts



-m : print the character counts



-l : print the newline counts



-w : print the word counts



**Output Screenshot**