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*****
#
#      filename:  envcust.txt
#
#      description:  An ASCII text file containing various information about
#                   the configuration of a Linux account.
#
#      author:  Sunkaralakunta Venkatarama Reddy, Rakesh
#      login id:  FA_16_CPS444_11
#
#      class:  CPS 444/544
#      instructor:  Perugini
#      assignment:  Homework #3
#
#      assigned:  January 23, 2019
#      due:  February 01, 2019
#
*****
```

1.
 - a) Added "set is" line at the beginning of the file
 - b) So that I see the searched pattern in the file as I typed so far to search
 - c) .vimrc
 - d) I added this property in .vimrc so that I have this feature every time I login or open a new shell.
2.
 - a) Added "set cul" line at the beginning of the file
 - 2) So that I can debug the issues in the huge and cluttered log files easily.
This will add a underline for the entire row where the cursor is placed.
 - c) .vimrc
 - d) I added this property in .vimrc so that I have this feature every time I login or open a new shell.
3.
 - a) Added "set ic" line at the beginning of the file
 - b) So that I can search for a string in a file with case-insensitivity.
 - c) .vimrc
 - d) Because I wanted it to be loaded every time I login or open a new shell.
4.
 - a) Added "set spell" line at the beginning of the file
 - b) So that I can know the misspelled words in a file when using vi.
 - c) .vimrc
 - d) Because I wanted it to be loaded every time I login or open a new shell.
5.
 - a) Added my plans in .plan files
 - b) So that it provides information about my plans if some one finger my username
 - c) .plan
 - d) Because I wanted it to be loaded every time I login or open a new shell.
6.
 - a) Added my prject details ".project" file
 - b) So that it provides information about my projects if some one finger me.
 - c) .project
 - d) Because I wanted it to be loaded every time I login or open a new shell.
7.
 - a) Added "set nu" line at the beginning of the file
 - b) So that vim displays line numbers when a file is opened.
 - c) .vimrc
 - d) Because I wanted it to be loaded every time I login or open a new shell.
- 8.

- a) Added 'echo "Your login shell: \$SHELL"' at the end of the file
b) So the user will know his login shell.
c) .kshrc
d) Because I wanted it to be loaded every time I login or open a new shell.
9.
a) Added "date" command at the end of the file
b) To print the current login date and time in the console.
c) .kshrc
d) Because I wanted it to be loaded every time I login or open a new shell.
10.
a) Added "cd homeworks" at the end of the file
b) To have "/home/SP_19_CPS444_11/homeworks" as my landing directory.
c) .kshrc
d) Because I wanted it to be loaded every time I login or open a new shell.
11.
a) Added 'alias -x dd="rm -rfi"' line as alias
b) So that I can delete directories with just 'dd <dir_name>' instead of typing 'rm -rf <dir_name>' and also have an interactive recursive folder deletion.
c) .kshrc
d) Because I wanted it to be loaded every time I login or open new shell.
12.
a) Added 'alias -x b="cd .."' as alias.
b) So that I can navigate to parent directories easily by just typing b instead of "cd ..".
c) .kshrc
d) Because I wanted it to be loaded every time I login or open new shell.
13.
a) Added 'alias -x hw2="cd /home/SP_19_CPS444_11/homeworks/hw2"' as alias
b) So that I can navigate to hw1 directory when I login and just type "hw1" I dont have to type the full path to hw2 as shown in the alias.
c) .kshrc
d) Because I wanted it to be loaded every time I login or open new shell.
14.
a) Added 'alias -x b2="cd ../../"' 'alias -x b3="cd ../../.."' and 'alias -x b4="cd ../../../../.."'
b) So that I can navigate to parent directories easily. I do not have to nest "../" to navigate multiple layers
c) .kshrc
d) Because I wanted it to be loaded every time I login or open new shell.
15.
a) Added 'alias -x openports="netstat -tulpn"'
b) So that I can get all the open ports easily
c) .kshrc
d) Because I wanted it to be loaded every time I login or open new shell.

--> Start of .kshrc <--

```
set -o trackall
set -o ignoreeof
set tabstop 3
#set -o cul on
#set -o vi
#set -o noclobber
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```
# -x is deprecated and has no effect
alias -x more="less"
unalias ls
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alias -x ls="ls --color=auto -F"
alias -x l="ls -l"
alias -x ll="ls -l"
alias -x vi="vim"
alias -x b="cd .."
alias -x b2="cd ../../"
alias -x b3="cd ../../.."
alias -x b4="cd ../../../../"
alias -x openports="netstat -tulpn"
alias -x dd="rm -rfi"
alias -x hw2="cd /home/SP_19_CPS444_11/homeworks/hw2"
#alias -x printl="enscript -d LaserJetP4015"
date
echo "Current shell $SHELL"
. $HOME/.profile

--> end of .kshrc <--

--> start of .vimrc <--

set is ic nu ruler showmode showmatch ts=3 noexpandtab bg=dark
syntax on
colorscheme desert
map ^T <CR>:!aspell --dont-backup check %<CR>:e! %<CR>
nmap <C-J> vipgq

--> end of .vimrc <--

--> start of .project <--

Do Homework 2
1. learn about linux shell commands and to work with .profile and .kshrc
2. Implement env command in GoLang
--> end of .project <--

--> start of .plan <--

1. Understanding Linux shells, kernel, basic commands and utilities.
2. Learn to code in GoLang

--> end of .plan <--
```