

HANDS-ON 3

Task	Hint
<p>Start the Terminal</p> <p>1. Display all the environment variables that refer to paths</p> <p>Copy .bashrc file from your home directory to \$VSC_HOME/.barhrc-orig</p>	<p>env grep PATH</p> <p>cp \$VSC_HOME/.bashrc \$VSC_HOME/.bashrc-orig</p>
<p>2. Create a directory in your \$VSC_SCRATCH dir that has a name of output of <code>uname -s</code> command</p> <p>Create a file called system in that directory that includes information given by <code>uname -a</code> command</p> <p>Add the following information to that file: VSC_INSTITUTE is \$VSC_INSTITUTE and I am \$USER where \$USER and \$ VSC_INSTITUTE are refer to environment variables</p> <p>Display the file</p>	<p>mkdir \$VSC_SCRATCH/`uname -s`</p> <p>echo `uname -a`> \$VSC_SCRATCH/`uname -s`/system</p> <p>echo "VSC_INSTITUTE is \$VSC_INSTITUTE and I am \$USER" >> \$VSC_SCRATCH/`uname -s`/system</p> <p>cat \$VSC_SCRATCH/`uname -s`/system</p>
<p>3. Define a new directory doc that refers to \$VSC_HOME/Documents and directory downloads that refers to \$VSC_HOME/Downloads</p> <p>Go to downloads dir and then do to doc dir. Go back to your home directory. Print the value of doc variable</p>	<p>export doc=\$VSC_HOME/Documents export downloads=\$VSC_HOME/Downloads</p> <p>cd \$downloads cd \$doc cd echo \$doc</p>
<p>4. Make an alias so that la command refers to ls -la</p> <p>Test ls on your \$VSC_HOME dir</p> <p>Open a new session and check if the command works</p> <p>Add alias to your .bashrc file</p> <p>Open a new session and check if the command works</p>	<p>alias la='ls -la'</p> <p>cd; la</p>
<p>5. Print the value of PS1</p> <p>Save it to ps.txt file in your home dir</p>	<p>echo \$PS1</p> <p>echo \$PS1> \$VSC_HOME/ps.txt</p>

Try to experiment and create your own

PS1,

e.g. PS1="\e[0m \$LOGNAME \e[0m
\e[36m\h\e[0m \e[32m\t\e[0m [:\l] -\j-
\e[31m\w\e[0m \n\e[36m> \e[0m"

or

PS1=":\e[0m
\$LOGNAME@\e[31m\h\e[0m \W \$"

When satisfied add it to your .bashrc file
and open a new session to test it