**practice: shell variables**

* + 1. Use echo to display Hello followed by your username. (use a bash variable!)
    2. Create a variable **answer** with a value of **42**.
    3. Copy the value of $LANG to $MyLANG.
    4. List all current shell variables.
    5. List all exported shell variables.
    6. Do the **env** and **set** commands display your variable ?

1. Destroy your **answer** variable.
2. Find the list of shell options in the man page of **bash**. What is the difference between **set -u** and **set -o nounset**?
3. Create two variables, and **export** one of them.
4. Display the exported variable in an interactive child shell.
5. Create a variable, give it the value 'Dumb', create another variable with value 'do'. Use **echo** and the two variables to echo Dumbledore.
6. Activate **nounset** in your shell. Test that it shows an error message when using non-existing variables.
7. Deactivate nounset.
8. Find the list of backslash escaped characters in the manual of bash. Add the time to your **PS1** prompt.
9. Execute **cd /var** and **ls** in an embedded shell.

* Optional:

1. Create the variable embvar in an embedded shell and echo it. Does the variable exist in your current shell now ?
2. Explain what "set -x" does. Can this be useful ?

(optional)17. Given the following screenshot, add exactly four characters to that command line so that the total output is FirstMiddleLast.

[paul@RHEL4b ~]$ echo First; echo Middle; echo Last

18. Display a **long listing** (ls -l) of the **passwd** command using the **which** command inside back ticks.