

## \* Setting Environment variable

Task	command
show the value of a specific variable	<code>echo \$shell</code>
Export a new variable value.	<code>export</code> <code>VARIABLE = value (or</code> <code>VARIABLE = value; export VARIABLE)</code>
Add a variable permanently.	Edit <code>~/.bashrc</code> and add the line <code>export</code> <code>VARIABLE = value</code>  TYPE source <code>~/.bashrc</code> or <code>just</code> <code>~/.bashrc (do it ~/.bashrc) or</code> <code>just</code> start new shell by typing <code>bash</code>

## \* The HOME variable

- HOME is an environment variable that represent the home directory of the user.

`$ echo $HOME`

→ show the value of home environment variable

`$ pwd`

→ Present working directory

`$ cd`

→ change directory with argument.

\* The <sup>SHELL</sup> ~~PATH~~ variable.

→ The environment variable SHELL points to the user's default command shell

`$ echo $SHELL`

→ `/bin/bash`

\* The PS1 Variable and the command line prompt

→ Prompt statement (PS) is used to customize your prompt string in your terminal windows to display.

→ PS1 is the Primary prompt variable which controls what your command line prompt looks like.

\u - User name

\h - Host name

\w - Current working directory

!! - History number of this command

\d - Date.

→ They must be surrounded in single quotes when they are used, for example

```
$ echo $PS1
```

```
$ export PS1 = '\u@\h:\w$'
```

```
student@example.com: ~$ ex # new prompt
```

→ To revert the changes

```
student@example.com: ~$ export PS1 = '$'
```