

Bash scripting

Bash is the language that you can write scripts (programs) in Linux. You can create file `xyz.sh` and then write all commands you need then execute it with `bash xyz.sh`.

Command	Use / Explanation
<code>#!/bin/bash</code>	Added at the first line in the code
<code>file.sh</code>	Bash file
<code>bash file.sh</code>	To run the bash file
<code>name = "name"</code>	Create a variable called name
<code>echo \$name</code>	To print value of the variable name
<code>\$0</code>	Argument - Name of the file
<code>\$1</code>	Argument - First argument after <code>bash file.sh</code>
<code>echo "File name : \$0, first name : \$1"</code>	Argument code
<code>for i in {1..10}; do echo "\$i";done</code>	For loop in bash
<code>for i in cat file.txt; do echo \$i; done</code>	For loop on a file to print word by word
<code>for i in \$(cat file.txt); do echo \$i; done</code>	For loop on a file to print word by word
<code>for i in command ; do echo \$i; done</code>	To get the output of a command ex : <code>ifconfig</code>