Always check if spaces or no spaces cause problems

#!/bin/bash – always add

#<comment> - for comments

<commands> - commands

<variable>="<value string>"

echo $a - a content

$[%a +-\*/% $b] - variable maths

echo $(expr 1 + 1) – maths, requires spacing between functions

expr 1 \\* 1 – multiplications and some other expressions require backslash

1 or 0 - true or false

$[<variable>++] – add 1

echo $((a++))

((a++))

run bash – bash <filename>

./<filename> - run bash if you have executive permission

echo $(<command>) – command in command in echo

echo $((<expression>==<expression>)) – alternative to test

test <int variable> -eq/lt/gt/ge/le <int variable> - test comparison (equal, lesser than, lesser/equal, etc)

echo $? – status of last command. 0 is true. 1 is false.

test <string> =/!= <string>

test -z <string> - length is zero

-n – not zero

for files

-ot/nt/e/d/s – older than, newer than, exists, is directory, has a size bigger than zero

-r/x – you have permission to read the file, you have executable permission.

sleep <number><time> - pause for that time.