```
cf -copy
cP[option] file Distingtion
cat > Filename txt - Create
Cat Filename txt - Read (Works for multiple Files)
Cat Filename I tat Filename 2 tat > Filename 3 tax pour Replaces Filename 3 Content with that of Filename 1 &2) - f= force
                                                                                                                                                                      - r = copy Directory
                                                                                                                                                  -P= Premissions - b= backup
cal Filenamel tock file name 2 tock | Sort > Filename 3 toxt (Sort s[1 and 2) in 3 ulphabetically)
                                                                                                                                                 ef * . txt Folder (copy .txt's to Folder)
Cut Filename 1 txt Adelmon >> filename 2 txt (Add's content of I at the end of 2)
                                                                                                                                                  less etc/passwd
 cat >> Filename 1 txt (add New text to an already existing file)
                                                                                                                Usermode = programma runnen
 1susb= Usb Velices
                                                                                                                Kernelmode=modusomhardwarresources te gebruiken
                                                                                                                 Usergpace = Memory Waar Userprocessen runnen
Uname (returns OS)
                                                                                                                Wernelspace = Waar de Kerneldragit "hethart van de OS"
                                               = echo $ (Uname -7)
                                                                                                             (0)Stdin = input stream, accepts text as input
Uname - y (OS Version)
                                                                                                              (1)St dout = Text output from command to shell, output
Uname -a (returns all info)
                                                                                                             (2) there = Errormessages are sent through standarderror
                                                  charp owner file
                                                                                                                 Standard Streams
             (Date + Time)
                                                                                                                Compiler = compiles programma naar assembly programma
date "+%T" (Time only)
                                                                                                                 ass embler = translates assembly proy - nuar Machine Code
date "tol" (returns day ) also works with T, M, y
                                                                                                                 Linker = tool om alle stukken vanhet programma
date "+90M - 4900 - 904" (returnil inounformat)
                                                                                                                dan elkaer telinken voor Je vituoring
                                                                                                                Loader = load alles inhet geheugen en danishet
date -- date = "3 days ago" (returns date of Sdays ago)
                               T. P. Pe s (geet commandals inputarnandere command)
                                                                                                                 Programma vityevoerd.
d=daynumber
                                                                                                               Boot Partition: bevat Kernel, root-system in PC-memory
                                  1s -1 | more
                                  cat file. txt | grep "Word" | tee file2 txt | wc - |
B=Month=h
                                                                                                                  partitions on system: Fdisk-1
T=time w
                                                                                                                  Rescue Partition: Partition om het systeem terus nuar
                                | Left - Right
M=Month
                                                                                                                  Fabrick sint elling en tedoen. Voorhetgeval van Systeemissue.
Y= year
chmod "options" "permissions" filename (change permissions fora file)
                                                                                                                                           chown root file Itxt file 2.txt
chnod U=rwx, 9=7x,0=2 my File vsercan 7, w,x, groupeon read, x, others=2
                                                                                                                                            change owner for file I and file 2
                                                    -Rérectsively) = for allfilesin directory
                                                                                                                                             to root
                          7 = Yead
 Uzuser
                                                                                                                                                           root file,
                          W= Write
                                                    O=nopremission 1 = execute 2 = write 4 = rend
 9 = 9,000
                          xzexecute
                                                                                                                                                              allfiles that start
  0 = other
to show file permission, use: Is - I filename
 returns something like - TWX ZWIT-- 1 root root 3072 Jan 19 20:11 Filename.exe

Filetype Fileowner others owner blocks

- file

- file
                                                                                                                                                              With file BASH SCRIPTING-
                                                                                                                                                 start: #!/bin/bush R./Name
                                                                                                                                                  Var=Hello
                                                                                                                                                 $ USER $ Var = Hello
$$=PID
                                        dedirectory
                                        1=symbolic link
                                                                                                                       df: tackbeheer $1-19 = Arguments
 Get IP: hostname - I
                                                                                                                           IPS -aux (Showprocesses)
 Login via Ssh: Sudo service ssh status (checkitactive)
                                                                                                                                   root 1 0.0 0.0 22568 9760 19.10 init
                             Ssh localhost > yes > password from server
                                                                                                                                  Username |
              7. Ssh username Dipudress or ssh username a Pomain Name
                                                                                                                                           Proces id
              2. Password
                                                                                                                                                                       Starttime
                                                                                                                                   Will Processes
Show Key's (Public and Private): Is .ssh
                                                                                                                                   Will ProcessID
               Stop Connection using Sexit
                                                                                                                                   Force Will: "
                                                                                                                                    Will-KILL ProcesID
Grap (it file contains cortainword)
                                                                                                                           (Sudo systemet) start royne, systemet)
nano/etc/rsyncol.conf enab
                                                         Porep "frocesname (i.e Vim, Nuno)
grep "*keyword" Filename
        -i=Case insense livity
-C=Count
                                                                                                                                  Path = destination - directory
                                              grep -1 "Keyword: Zockt Sirectory door
                                                                                                                                 hosts allow = Source_IP_ADDRESS
                                                                                    laar key word
                                                                                                                                                                 (install (sync -y))
                                                                                                                                  hosts Jeng= *
search directory: Find / -type of -name "directory name"
                                                                                                                                  list = true
Search file: Find / - type f -name "filename and extension
                                                                                                                                  vid = root
Search by extension: Find / -type F - name for case insensitive search ...

- Not to find files that don't contain this extension.
                                                                                                                                  readonly=false
                                                                                                                                  sulo systemetl restart rsync
 extension Amount: Find / Ltype f -name 1* , extension' I wc -1
                                                                                                                                  rsync -avz Source-dir destip &
```