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>types of hypervisor	
1) bare metal hypervisor	men de man de m
doesn't need a host os	Jop de Hw de désimu
21 hypervisor type 2	
need a host os	le l
Note Mote	190 trale hyporvisor 11
Sala D Hairis Sapport (5) 35	Sui cino emulator 11
acily tradque as with enums	Virthualizati is Gu
> Basic Commands:	
1 mv > move " Cut , Pa	ast"
Copy doen its CP II it	الغرق بيتما وبي الأعلى
Cit Join MY 11 ist auto	mo ai sigal cames Wit
Total of the first to the first	ale in sum is ou
#another usage of my is	to rename files
ex.mv (1 fl syemm	efitof2
= \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	40 10 10
my f2 new dix/F3:	scut , Paste , remains

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2) diff > give us	the difference between
# - U oftion > give	at of git
ACCURATE BY THE PARTY OF THE PA	ste Pad in GNI to edit a file
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	25 " improved version of VI" t
Vim 11 hours document	a gedit desiny chisa
# Vim has two me	JES
* Command mode	11/ 000/0 1/ 20.5 ilials
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ing, ovit oil te	r scule
: 9! -> exit withou	it some
in some with	out Car

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1 Mar 40 Comments In a 1 willow	iter this mode Press;
to return back to con	nmand mode Press Esc
#Note	
Vim new file	Masser ils file 11 gl
Lec al and total	میفتده طیب لو مکلفن مو
DI TICH VOILLAND	Pile name s to search
- repeted key we	and inside the required file
Con Policie Topic	Le Search dusi oyle gl
11 or CO(12)	a latter and the state of the state of
· Trep - Y > Search	recursively
.grep _n > search	Por a word and Show
- the line	number
	and Show the
	Line number

网 图 图	MEMO No
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Flecho word > display	Print This word
on the	terminal
spacelario uls word in al	
	" paid
I 10 redirection: use	the special char.
# < > inPut redirection	FW W
کان تانی عین المعتاد	o is Teli infut 11
#> > out Put redirection	ela Rilàn de
مکان تانی عنی المعتاد	Go set outful 1
ex:	. 3992
echo "Hello world" > file	
terminal! de cino Pile 11	is hellowork is a
Southut redirection	1, 1, 5
pale overwrite Josa Filettis	le di co ils suga
pit's input is ken	thourd
exicat Isits output is	screen
1,2(1)	1.07
Cot < new Pile -> bash wi	11- give the Cat
	file as an influt
SinPut redirection	Michael Control of the Control of th

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Cat new like > new like is an argument
2 0 1 100 1 P.10 + COT 1PW- FILE
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Exi. 15 > new Pile. txt - the output of 15 will
Store in new File
1- 0,00-1 alarin sassa Comso File 1191
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Pipe: use the special char or "1"
1216 man 2012 Commands
DA DA Wasan (17)
T-10(0D) 1910 Dew
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outPuti Eliza a New 11 de pois 1900 Eliza
new 11 90 de line 11 solo de la line 11 solo de la
ex.
echo « Reem mohey» 19rep Reem

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> How to View our his 1) Vim I home/test/	tory 10200019 Mind
1) Vim I home/test/	bash - history
_ tob & lexual	Consissin File Ci
hi	dden Pile Qui dies as
2) Use history Command	
Notes	
# · Pile-name > mean	is that this file is hidden
# 15 -a > display 14	
# if you want to remove	an aliase
use the unalias com	
	100 Mars 79172
# Shell Script => mean	
tolo استنفذوا مره واحدة	
# Source new file	es ist Plaises
The same of the same of the same	02/21/21
# * is a special char.	
# /m 1* nuison 1	
# 1m 1. [15] -> re	move 1.1 8) 1.5

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Sould Process:	year hould and hould
Source preprocess	or > Pre Processed
code(·c)	- Code (·i)
«in clang.1)	" without any #"
Assembler Assembly Code (.s)	compiler
object code st	inker executable
File (.0)	File (· exe)
"in binary"	or c.elf
	"inhexa 5 till
EIP Pormat:	119 1. binayo
"executable and Linkable for	mat"
Levt section - for Code	storege
· rodata section - > Por vo	ead only as constant
· Naricub	ie and the value of
The Gle	bal variable and string
Literal	Line 15 Million
data section intialized	Global & local Vac.
bss section - for Global	variable that
unintialize	d or intialized to
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Vin Code . C	15 CSI's Linux
# VIII SIAS	ert our c code
How to build?	
agec Command	
# Jet Sit 110	Cryor it will Produce
in al all a some	executable with defut
nam	P O But
# to execute the Program	
	Is this means execut
1 bling 61000 61000	dus le i i sel
- 1 A S .	
1) Pre Processor stage.	3 3 3
9cc - E 1.c - 0 1.	7
1 Smea	AS rename Rumbodu
rt.in aw III	obisolis defult 14
2 Compilier Stage only	
3€C-5 1.6 -01.5	=> assymby Code
Copital =	Na.
J. 100 S	
注: (1) 	

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3)assembler Stage	
gcc - C 1.5 - 01	.0 > object file
	Produced
4) executable stage	
gcc 1.0 -0 exe	.0 I blind at hali
#Note	
ELF relocatable type.	+ ELF executable typ
"object Pile"	
	<u> </u>
# if i have two files one	· Contain a Prototype
of the function and the	other contain the
itsbody to link between	in these liles
Succ Filed File 2	
= un definet reference ex	ror is a linker entry
Symbolic link mean	sashortcut