VIII Pare arequisite
D'Emable vistalization in bios.  UTX/violatization/secuse vistal man
# to check  G go to prosformance  Check "virtualization" is  "emabled" or mot
· microsoft hypervisor platform · window hypervisor platform · windows subsystem too liner · windows subsystem · Dacker desktop · virtual machine platform
# to check  4 to check  4 to the windows feature on 2 off  2 choose the following options.
Visitalization
it allow one compotes to swn multiple os it sun on isolated environment. each um needs its own as server visitualization is the most common visitualization
Teambrology—  Host OS-primary os that non directly on hardware  Guest OS-os sum within um.

· Smopshot - backup of the current vm · hypervison-software on which we swm multiple or simple virtual machine.

· um - vistual machine

Type of Hypeqvisor Type 1 · Base metal · 9wn on base OS · production · eg: - umwase essi, xen Hypervisor Type 2 · Runs a software · Leasin & test eg. o sade vistual box, umwago seques manual setup To commed it O chease new vm · open git book · type ssh usermo 2 emter manne 3 attach iso file in 150 image "toget this in teami waste ip add's show a check V skip anatached installation (5) Go to Hardware > basememory = 4096mB Processor 5 2 CPU emable EFI 6 Go to Handrisk > allocate 20 to 25 gm storage uncheck the pre-allocate full size D click on Finish. 3 click om show setting > network > Adapter 2 selling) storage]. check in the enable box rempty & select Bridge adapter in attached to @ click Start' => @ sebd install (direct option for installation) @ select every option as per your need 2,43 @ when the option shows for 'select'or 'login' 63 (3) paver off the um. than diction setting) storage (19 ander comboller 1DE click thoopson ) optical drive · remove · uncheck live (D) (15) Stast.

Objectable vagrant thoogh choco.

'choco install vagrant-version=2-4-3-y

@ open git bash!

3 sedistect to the paticular fotder by emboring the

Cd+ path. (4) check evagent location pood

3 cheate two disectory and then redirect to that disectory @ vaggrant unit [-[] vaggrant box code

@ cat Vagnantfile - display the content of the file

(8) vagrant up - power omn um

nu dos obgaje @ vaggant geload - geload the onn

(10) vaggamt status - statues of 4m

um presed 1 vagrant global-status. - statues = 6 all the

(12) vaggrant half - power off um

3 vagnant destroy - delete vm

1 vagnant 8sh - gel into um

who ami - show the use pood - cursent location sudo-1 - toansfer to noot uses exit - exit from root up

(3) Vaggrant box list. Show a list of all the vaggrant boxes that have been installed on your system.

Vagrant use hyporusos VM automation tool which tomange/capale/destroy um on dangutes

-> vm folder. 4 Omkdir vagrant-um (2) cd vagoant-um 19 mildir centos, -> linux folder 9 cd centos (3) vaggiant init [linex flat] > from vaggiant cloud.

(3) vaggiant of vaggiant vm. 1

2 y any elsor show them off yours antivious ? (2) vaggant ssh -> log in to the um (9) vaggant halt -> toon off the um 10) vagrant Status -> show the status vagrant global-status -> show the status L) by tollowing above steps we can create and check a um in git bush. \* first we need to godinect our self to the folder where we need to serp the um using 'cd'; 'Is'; pwd' + sersond we meed to follow the steps.