Le 🡪 less than

Lt🡪less than

Eq🡪equal to

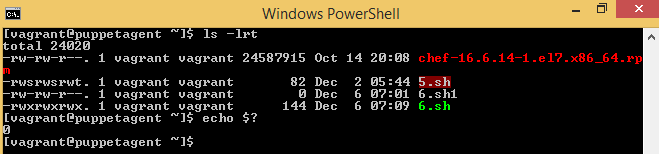
Ne🡪Not equal to

Return code of command or Script:

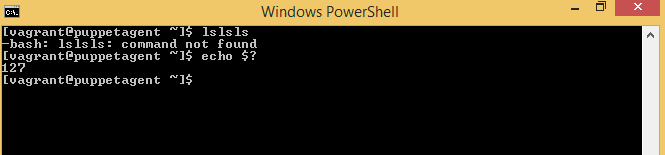
Ls🡪passed or failed

Echo $?--> return code of the command

0🡪 Indicated it is passed



Other than 0 show command is failed.



#!bin/bash

#check if return code of command is 0

Ls –lrt

If [ $? –eq 0 ]

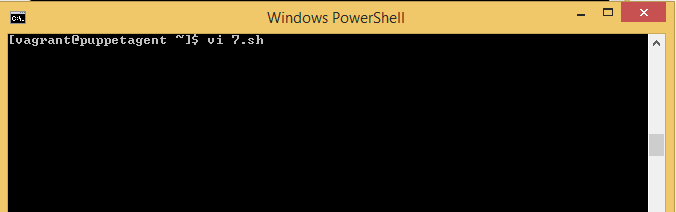
Then

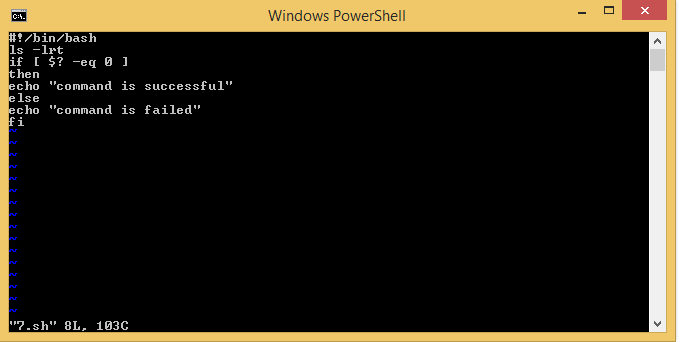
Echo “command is successful”

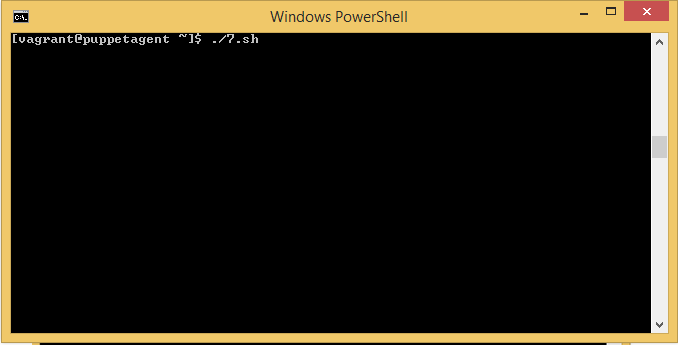
Else

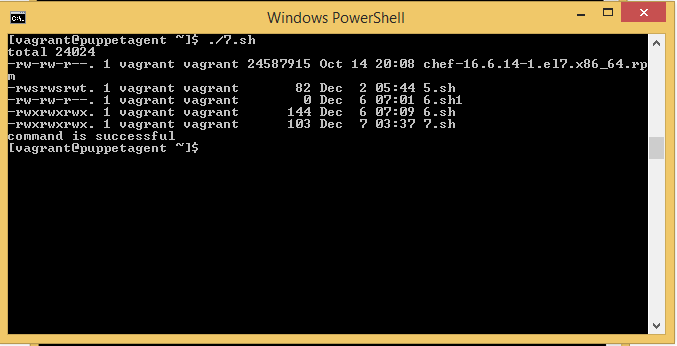
Echo “command is failed”

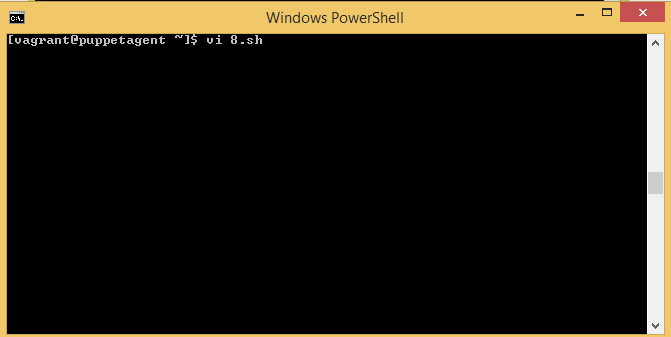
Fi

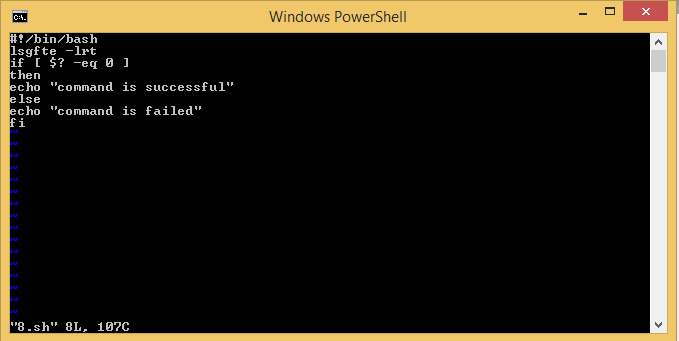


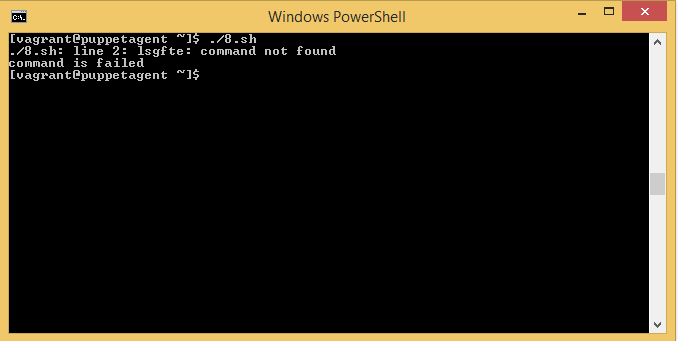








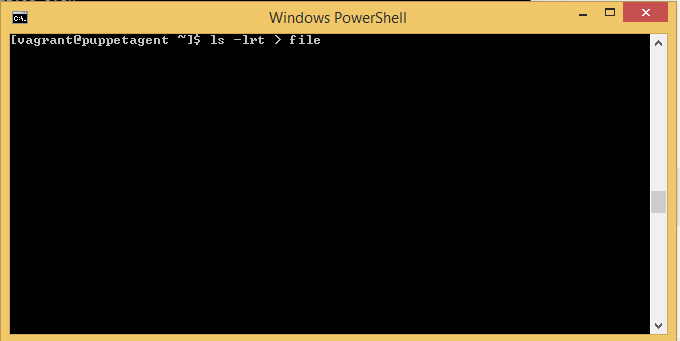


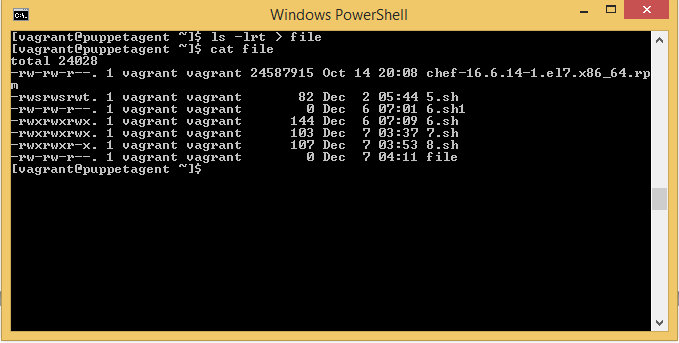


Redirection Operators:

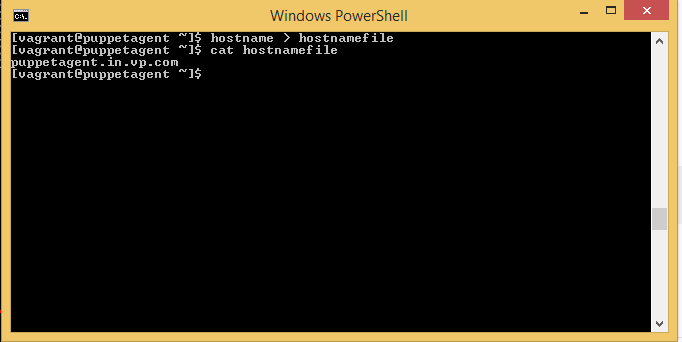
>

>>



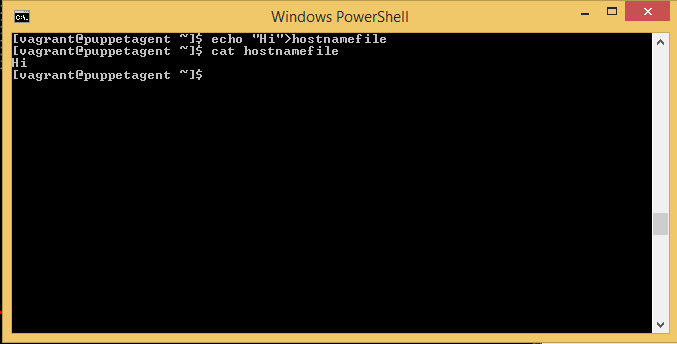


Any Linux command output can be redirected to file with help of greater than > operator.

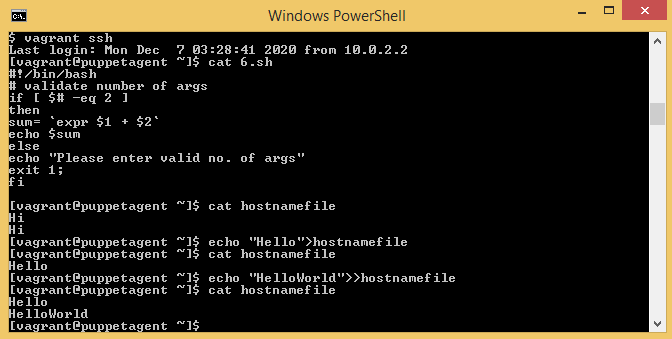


If we use same file name say”hostnamefile” to write some other command output,then

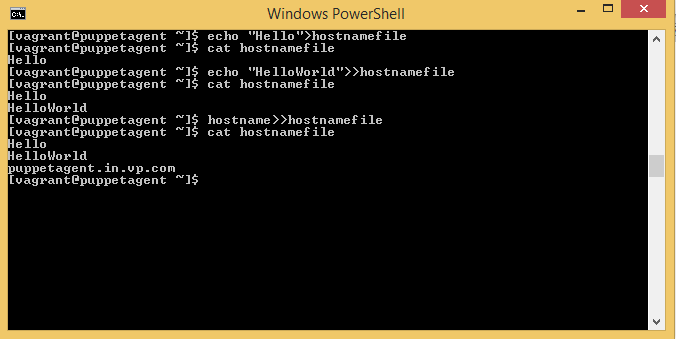
Content will overwrite to existing file (hostnamefile) with new content.



“>>” double direction is use to append new command or message to file of existing content



Message as well command appended to file by using “>>” double direction



While

===================1 to 100============

Initialization

While [condition]

Do

Increment/decrement

done

i = 0

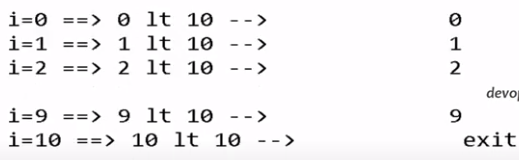
While [ $i –lt 10 ]

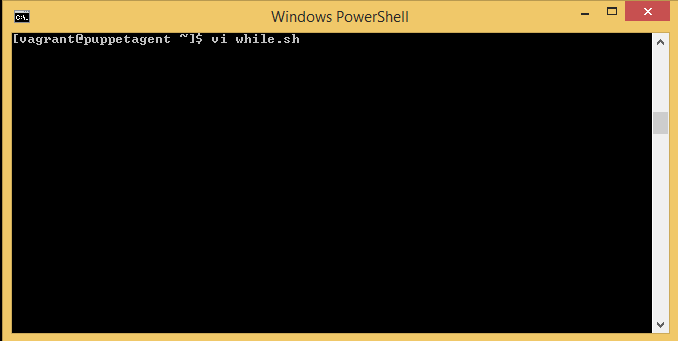
Do

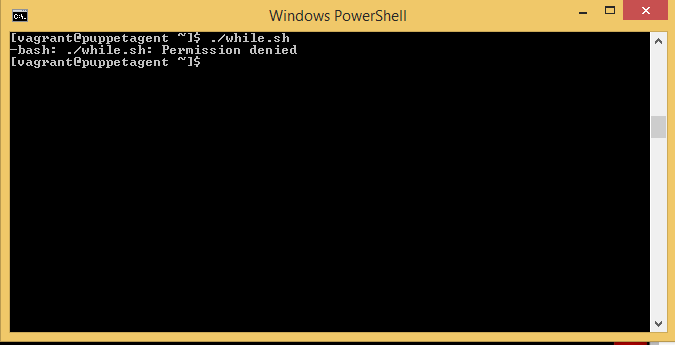
Echo $i

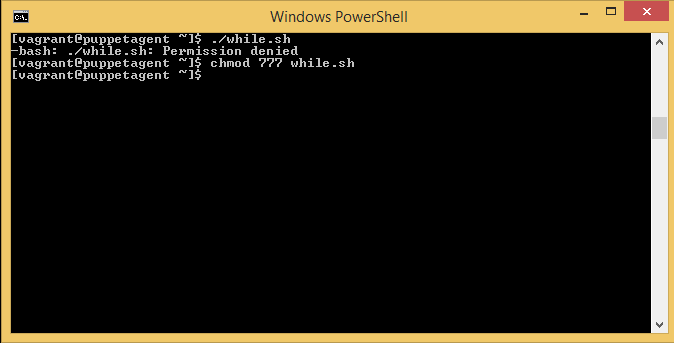
i = ‘expr $i+1’

Done

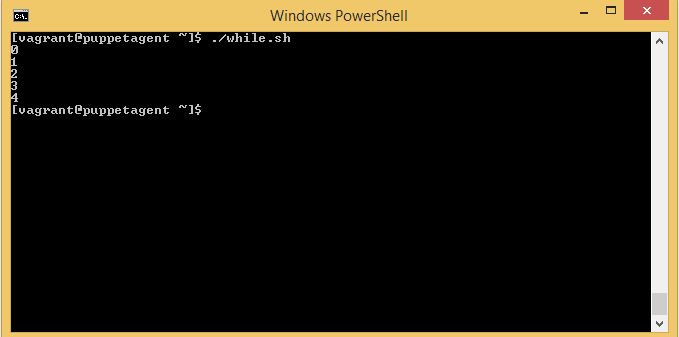


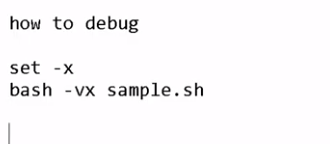




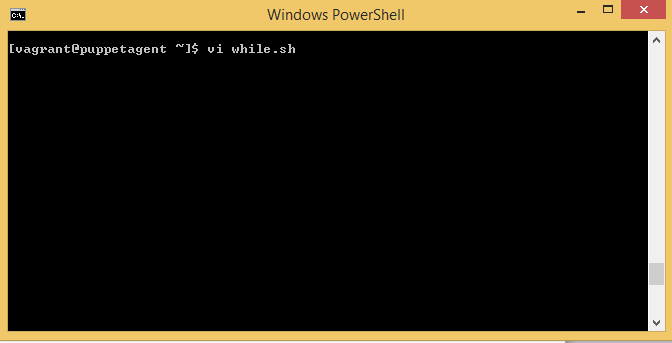


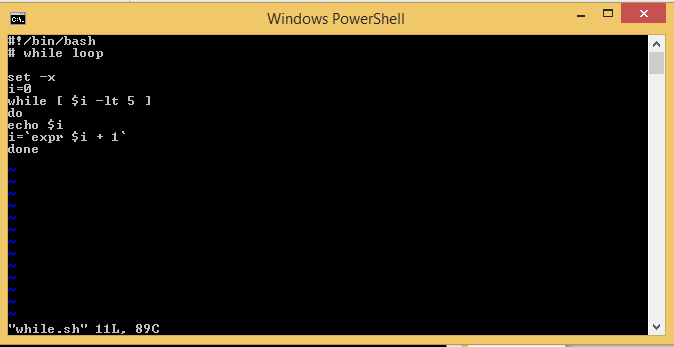


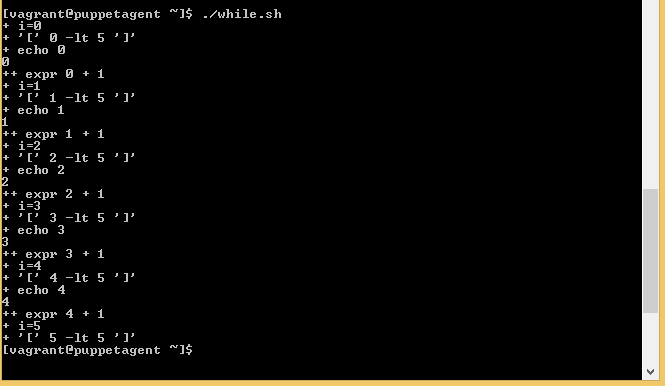




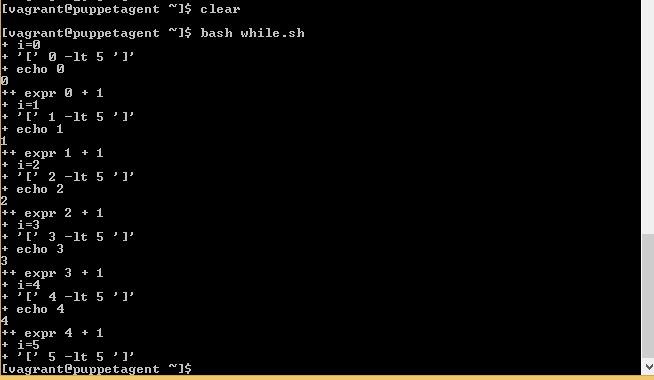
Set -x: It should write in the beginning of the script.

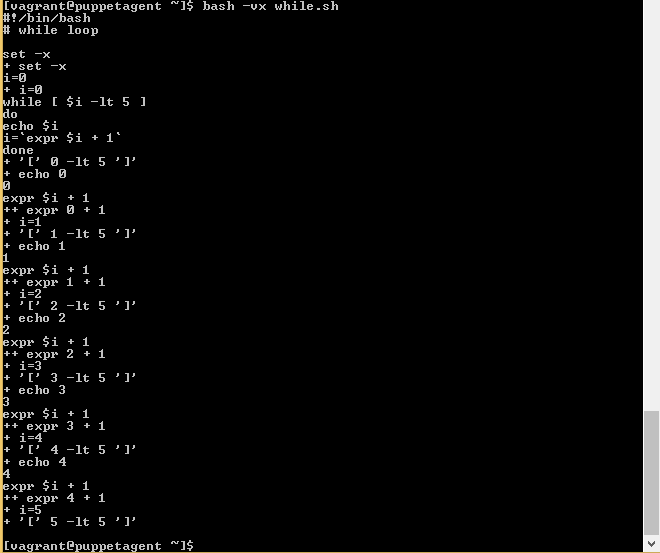




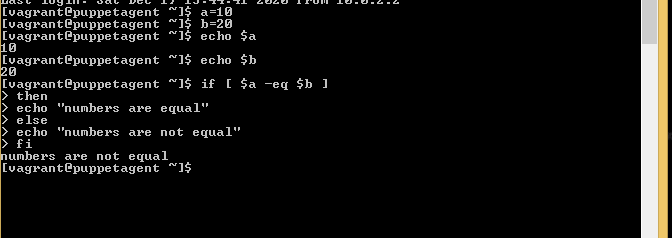


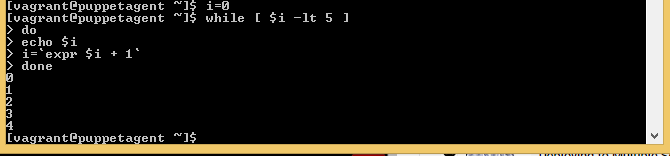






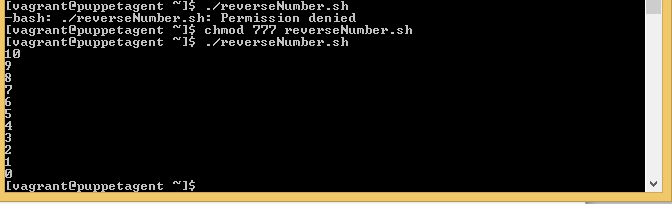
Bash –vx while.sh: Mean—v=verbose and x mean: execute

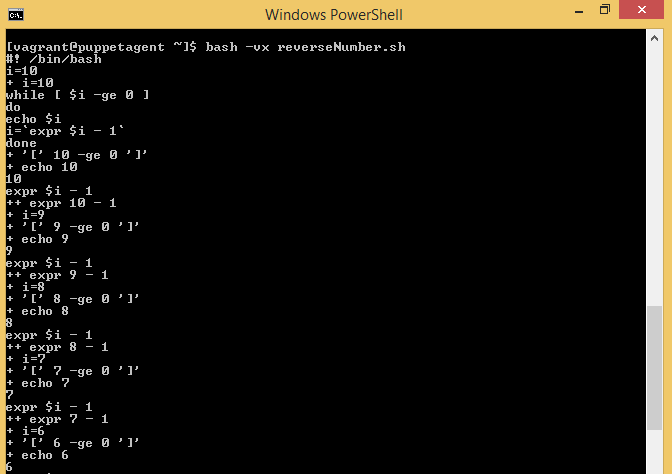


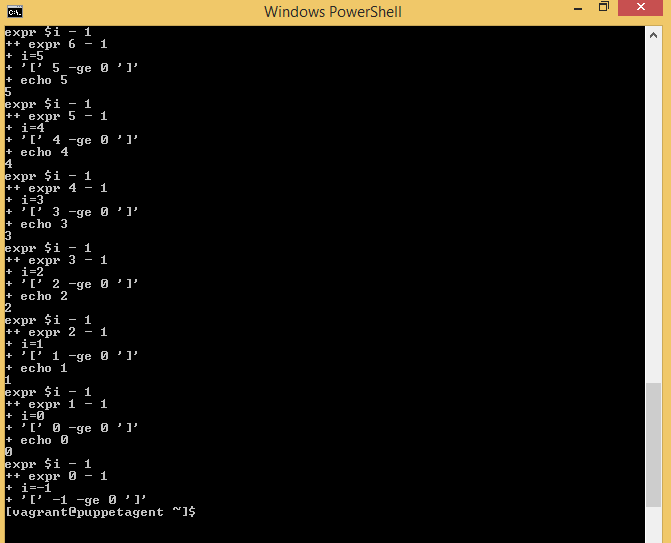












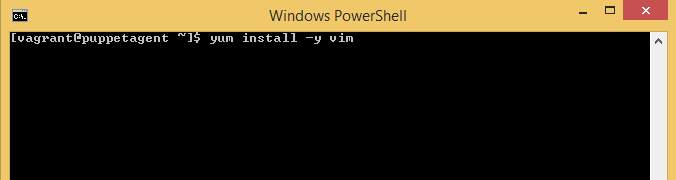
Check for other Editor vim:

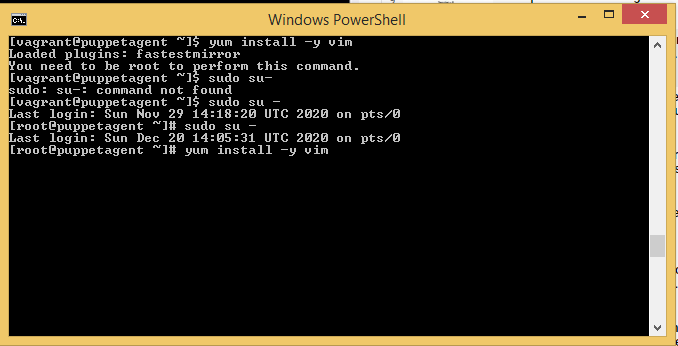
Vim is color based.

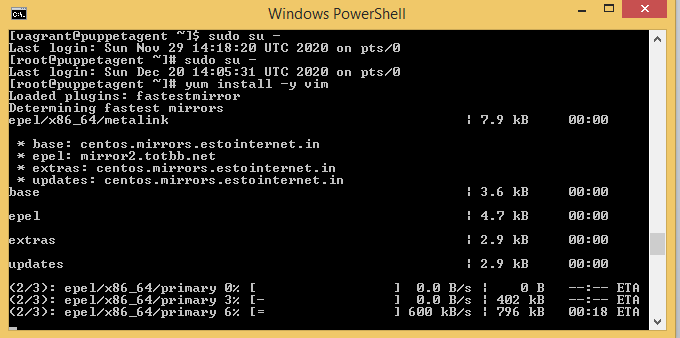


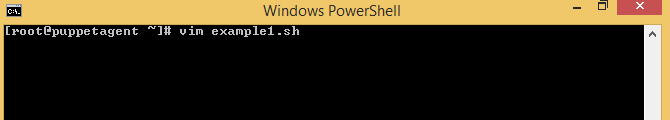
Vim is not install:

To Install vim:









To save a file that's read-only, use the following command:

:wq!

