To Download sosreport :

    yum install sos

to run

1. sosreport

2. answer all the prompts

3. Once done, go to /var/tmp

4. ls

and you should see a compressed file \*.xz

**To extract**

cd /var/tmp

xz -d <file-name>.tar.xz

tar xvf <file-name>.tar

(or)

tar xvfj <file-name>.tar.xz

**netstat**

netstat -at

**tcpdump**

tcpdump -i enp0s3 tcp

enp0s3-> is network device.

**To copy files from one machine to another**

scp C:\Users\vrddam\Desktop\Doubts.docx rohith@192.168.29.52:

now Doubts.docx file will be in home directory

ls ~

#!/bin/bash

n=0;

if [ $n -lt 0 ];

then

echo "Negative"

elif [ $n -eq 0 ];

then

echo "Zero"

else

echo "Positive"

fi

#!/bin/bash

for i in {1..5};

do

echo "Number: $i"

done

#!/bin/bash

for i in $(seq 1 2 5);

do

echo "Number: $i"

done

#!/bin/bash

n=10

while [ $n -ge 0 ];

do

echo "Countdown: $n"

(( n-- ))

done

#!/bin/bash

echo

echo "Please chose one of the options below"

echo

echo "a = Display Date and Time"

echo "b = Check System uptime"

echo

read choice

case $choice in

a) date;;

b) uptime;;

\*)echo "Invalid choice - Bye."

esac