C A D 0

Set up

For the following exercise,
re
screen shots of the results and paste into a
PowerPoint

( P P T )

Presentation.

Use GIF images
Take the PPT into a PDF and send it to Dr. Elia.
You can capture images using programs like...
"Snipping Tool"

in Windows.

1. Login

a. There are

   t
   h
   r
ers, "wildcat" , "cobb" , and "kingfisher"
The instructions below are for wildcat.

Make
use your imagination and the same things on cobb and
The instructions for keeping fisher.

kingfisher.

kingfisher.

kingfisher.
esome what different when it comes to the dispersion
b. Login to "wildcat.ee.engr.uu"
ky.edu

from Putty or equivalent.

c. Username is
what is entered in the class roll.

d. Password is
same as your LinkBlue account

2. Cobb, Wildcat V
N Carolina.

Where is your perfectly terrible. Is there a VN C
b. You need
to
	only

have

one

session

of

VNC

open

at

time
It consumes computer resources, and will slow.
write down everyone, including yourself, if you have
To kill an ex is

more than one session open.

We've more than an ex in

an open session.
t i n g
s e s s i o n,
t y p e ‘ v n c s e r v e r’
— k i l l
w i l d c a t:
< n
where number is described below.

c. Type
“vncserver –help” to see the options.

One of t
ho
opt
ti
on
s
i
th
s
i
z
e
o
f
th
w
i
nd
ow.
For
e
xa
m
150000
- depth
24"

Play around with the geo
metry to value to figure out what size display
works
best
to
see
the
extent
of
the
screen.
d. Write down the session numbers, such as “:2”
or your screen.

Kill any sessions you don't need.
On your PC, run VNview.

For these scenarios,
ver
the
umber
is
from
step
cc.
h.
In
the
Putty
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r
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a
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t
p
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"v
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p
n
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I
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p
r
o
m
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y
o
to enter a password, and verify it. This is
the

password

you

will

use

for

VNC

i.

In

the

VNC
ious step.

3. King fishing

VNC

a. You will need to install
In Putty, you need to
c. You then need to start
see.
Type
in
the
server
that
was
given
when
you
w, it is kingfisher: 1. Once that is typed in,
another popup will appear asking for your password
4. CAD setup
   a. Open
en
a
"
sh
el
"
.
You
can
use
either
a
Putty
shell
or a shell from the VNC session to do the following:
b. You now have a new, open terminal.

This
is
sometimes
referred
to
as
the
tshell,
termina
This is where you will do "command line".
e
"
i
nt
er
fa
ces
to
p
ro
gr
am
s.
c. I
n
t
he
sh
e
l,
t
typ
e
mental variable

“DESIGN”,

print env

e. What direct
s
t
o
ut
h
e
f
i
l
e
s
a
nd
d
i
r
e
ct
or
ies
i
n	
h
t
ec
h
d
files in your home directory, including
the hidden ones

(hint:
do a man page on “lists”)


Edit the "cards."

"file as follows"

D E F I N E

c a d l
i
s
i
s
 t.
C r e a t e
a
d i r e c t o r y
u n d e r
W A
c a l l e d
c a d l
  I
$D$

(hint: do a man page on "mk dir")

j. Determine
Hello is logged into the machine. (Hint: do a Go o
k. Determine the number...
of CPUs and cores on the machine (hint: do a
Google search on "linux how to find cpu info"
l.

determine

the

machine

loading

at

the

present
plat chia do a Google search on "Linux top"
5. Display and License Check
   a. In a shell,
      type
in "x clock" and validate that a clock icon shows
w
s
u
p.
I
f
i
t
d
o
e
n
o
t,
or
i
f
y
o
u
s
a
m
e
ss
a
g
L A Y

c o b b:
5 "

o r
w h a t e v e r
m a c h i n e
a n d

d i s p l a y
ca
c
f
b
&
"

a
n
d

h
i
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n
t
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r
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c. Y
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g
 e
t
a

G
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I
i
n
terface
to
dshow
up,
take
a
image
of
this
and
d. Exit out of the PPT.
e. In a shell
You should try typing "eldoo" and hitting enter.
et
a
re
pl
y
b
a
c
k
on
th
e
v
e
r
s
i
o
n
of
e
l
do,
tak
ea
n
i
g
a

s
a
v
i
t

t
e
P
P
T

g. Make sure you
have the following lines at the end of your...
i a s / l i c e n s e n e w s h