Assignment 3 Lab 1

I affirm that my work upholds the highest standards of honesty and academic integrity at Wittenberg and that I have neither given nor received unauthorized assistance.

Thomas Weis

Shell Scripts Created:

short.sh:
echo 'hi there'

#this is the comment. This program echos 'hi there'

first.sh:
#!/bin/bash

defin () {
    echo $1
}
defin $1

cptobak.sh:
#!/bin/bash

cp first.sh first.bak

first.bak:
nothing comes up when this the cat command is used on this file

Output, Steps, and Answers:

thomas@thomas-VirtualBox:~$ nano short.sh
thomas@thomas-VirtualBox:~$ cat short.sh
echo 'hi there'
thomas@thomas-VirtualBox:~$ ls -l
total 36
drwxr-xr-x 2 thomas thomas 4096 Mar 11 13:38 Desktop
drwxr-xr-x 2 thomas thomas 4096 Mar 11 13:38 Documents
drwxr-xr-x 2 thomas thomas 4096 Mar 11 13:38 Downloads
drwxr-xr-x 2 thomas thomas 4096 Mar 11 13:38 Music
drwxr-xr-x 2 thomas thomas 4096 Mar 11 13:38 Pictures
drwxr-xr-x 2 thomas thomas 4096 Mar 11 13:38 Public
-rw-rw-r-- 1 thomas thomas   16 Mar 13 19:27 short.sh
drwxr-xr-x 2 thomas thomas 4096 Mar 11 13:38 Templates
drwxr-xr-x 2 thomas thomas 4096 Mar 11 13:38 Videos
thomas@thomas-VirtualBox:~$ chmod +x short.sh
thomas@thomas-VirtualBox:~$ nano short.sh
thomas@thomas-VirtualBox:~$ cat short.sh

echo 'hi there'

#this is the comment. This program echos 'hi there'

thomas@thomas-VirtualBox:~$ nano first.sh
thomas@thomas-VirtualBox:~$ chmod 777 first.sh
thomas@thomas-VirtualBox:~$ cat first.sh
#!/bin/bash

defin () {
   echo $1
}

defin $1

thomas@thomas-VirtualBox:~$ ./first.sh "testingThis"
testingThis
thomas@thomas-VirtualBox:~$ ls
Desktop Documents Downloads first.sh Music Pictures Public short.sh Templates Videos
thomas@thomas-VirtualBox:~$ nano cptobak.sh
thomas@thomas-VirtualBox:~$ chmod +x cptobak.sh
thomas@thomas-VirtualBox:~$ nano cptobak.sh
thomas@thomas-VirtualBox:~$ ./cptobak.sh
thomas@thomas-VirtualBox:~$ ls
cptobak.sh Desktop Documents Downloads first.bak first.sh Music Pictures Public short.sh Templates Videos
thomas@thomas-VirtualBox:~$ ./first.sh testingThis
testingThis
thomas@thomas-VirtualBox:~$ ./first.bak testingAgain
testingAgain
thomas@thomas-VirtualBox:~$ touch "two words"
thomas@thomas-VirtualBox:~$ ls
 cptobak.sh Desktop Documents Downloads first.bak first.sh Music Pictures Public short.sh Templates
'two words'   Videos
thomas@thomas-VirtualBox:~$ nano cptobak.sh
thomas@thomas-VirtualBox:~$ ./cptobak.sh
cp: target 'first.bak" is not a directory
thomas@thomas-VirtualBox:~$ nano cptobak.sh
thomas@thomas-VirtualBox:~$ ./cptobak.sh
thomas@thomas-VirtualBox:~$ ls
 cptobak.sh Desktop Documents Downloads first.bak first.sh Music Pictures Public short.sh Templates
'two words'   Videos

Answer to Procedure Step 8:
      Initially, there is an issue when there are no quotes around the two word file. When there are quotes added and this is called for in the cptobak.sh file, it initially appears like it will run. However, when the user tries to run first.bak nothing happens unlike before.