CIS 90 - Test 3 (Practice) - Fall 2010

30 points + 10 points extra credit (each question worth 2 points)

Honor Code: This is a practice test. You may give and receive help from others. There are no points earned for doing the practice test but it is the best way to prepare for the actual test.							
(name)(type your name to indicate your agreement to abide by the honor code above)							
When finished, compare your answers with your classmates on the forum at: http://opus.cabrillo.edu/forum/viewforum.php?f=25							
1) What complete com	nmand was used to produce the	his output?					
NAME LINE rochajua pts/1 simmsben pts/2 jimg pts/3 rsimms pts/4 root :0 root pts/5 /home/cis90/simmsben		PID COMMENT 26426 (100-38-189-79.rastis.net) 26616 (ds1-63-249-103-107.dogs.com 22772 (55-100-189-201.rastis.net) 24150 (ds1-64-104-79-201.dogs.com) 31706 31898 (:0.0)					
2) What command was	s used to produce this output	······································					
-bash: ifconfig: comm /home/cis90/simmsben	\$						
3) You have received a	an email from Rich on Opus.	What is Benji's favorite game?					
	e pathname for the /etc/pass						
is the third element?	ee elements. Two of the elem	nents are the inode and the data. What					

6) There is a dogs directory in the /home/rsimms directory on Opus. Inside that directory are more directories and files. You may wish to explore that directory with the **tree** and/or **Is** commands.

	copy just the Mars and Tarzan files to your home directory?
(q6)	
7) Create a fil	e in your home directory named lassie.
you hagroup	e command would set the permissions on lassie so that: ve full permissions, users have read and write permission, veryone else has only read permission?
(q7)	
	dogs directory in the /home/rsimms directory on Opus. Inside that directory ctories and files. You may wish to explore that directory with the tree and/or
	I the files in the dogs directory (and its sub-directories) and count the number ning the word dog. How many lines contain the word dog?
(q8)	
	echo command using only arithmetic expressions as argument(s)
b) The c) A d) Son What commar	bc command (pipe) ne type of redirection nd, using all the elements above, without any semi-colons (;'s), would output
b) The c) A d) Son What commar a 4 to a file na	bc command (pipe) ne type of redirection
b) The c) A d) Son What commar a 4 to a file na (q9)	bc command (pipe) ne type of redirection nd, using all the elements above, without any semi-colons (;'s), would output amed answers?
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b) The c) A d) Son What commar a 4 to a file nate (q9) 10) Benji has longer respondisplays his cut (home/cis90/s PID TTY 24093? 24094 pts/7 25463 pts/7 25764? 25765 pts/1 25810 pts/7 25811 pts/1 /home/cis90/s	bc command (pipe) ne type of redirection and, using all the elements above, without any semi-colons (;'s), would output amed answers? as a small problem. He has run the app program in one terminal and it's no ding. He wants to kill it but can't remember how. In his second terminal heurrent processes: cimmsben \$ ps -u simmsben TIME CMD 00:00:00 sshd 00:00:00 bash 00:00:00 app 00:00:00 sshd 00:00:00 sleep 00:00:00 ps

- 11) Copy the file /etc/httpd/conf/httpd.conf to your home directory. This is the Apache web service configuration file. We are going to practice modifying this file to enable all Opus user accounts to publish their own web sites. Edit your copy of the httpd.conf file with vi and make the following changes:
 - Find the line containing: **UserDir disable** and comment it out by placing a # in front of it.
 - Find the line containing: # UserDir public_html and enable it by removing the # in front of it.

Save your changes and copy your modified httpd.conf file to the turnin directory using:

cp httpd.conf /home/rsimms/turnin/httpd.conf.\$LOGNAME

What complete ${\bf ls}$ command could you use to verify your httpd.conf file was submitted correctly?

(q11)_____

Note: If we had modified the actual httpd.conf file in /etc/httpd/conf/, opened port 80 in the firewall and restarted the Apache service, then all Opus users would really be enabled to publish web sites.

12) Without making any changes to your shell environment on Opus, has your SSH_TTY variable been exported?

(q12)_____

13) Given the following command and output:

	is90/simms is not re		Lpq			
Rank		ob	File(s)	Total Size		
1st	watsoha 5		letter	2048 bytes		
2nd	maganfr 5		(stdin)	1024 bytes		
3rd	derysni 5		(stdin)	1024 bytes		
4th	maganfr 5	555	(stdin)	1024 bytes		
5th	gribsja 5	556	mymail	4096 bytes		
6th	maganfr 5	557	words	1024 bytes		
7th	maganfr 5	558	words	1024 bytes		
8th	antiden 5	61	treat1	2048 bytes		
9th	antiden 5	62	treat1	2048 bytes		
10th	antiden 5	63	treat1	2048 bytes		
11th	antiden 5	64	treat1	2048 bytes		
12th	salinja 5	570	vocab	2048 bytes		
13th	brownli 5	571	myreport	1024 bytes		
14th	sreckla 5	573	letter	2048 bytes		
15th	delfimi 5	74	calc	4096 bytes		
16th	komicse 5	76	(stdin)	1024 bytes		
17th	simmsbe 5	577	smb.conf	10240 bytes		
18th	simmsbe 5	78	httpd.conf	33792 bytes		
/home/cis90/simmsben \$						

What complete cancel command would Benji use to stop the printing of his smb.conf file?

(q13)_____

14) What scp command (for Linux or Mac) or pscp command (for Windows) could you use to download the myscript file in your bin directory on Opus to your computer at home?
(q14)
 15) From the /home/cis90 directory, what tar command would you use to archive: all the files in your home directory, all the files in the /home/cis90/bin directory, and all the files in the /home/cis90/answers directory
into a single tarball file in your home directory? This tarball should be named using your username with a .tar suffix.
(q15)
16) [Extra credit] From the Flashcards:
What is the lowest level, inner-most component of a UNIX Operating System called?
(q16)
17) [Extra credit] From the Flashcards:
How do you change your terminal type to vt100?
(q17)
18) [Extra credit] From the Flashcards:
What command can you use to "chat" with another user?
(q18)
19) [Extra credit] From the Flashcards:
UNIX directories are like phone books. Instead of names and phone numbers they contain?
(q19)
20) [Extra credit] From the Flashcards:
What echo command would show in the working directory any 5 letter filenames starting with a B and ending with e?
(q20)