CP305: operating Systems

Shell Script

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|  | Write a command names, which can display the files to the terminal. |
|  | Write a command to list details of all files ending in '.perl' in reverse time order |
|  | Write a command to list your running programs. |
|  | Write a command to list files waiting to be printed. |
|  | Write a command to delete 3 files called file1.txt, file2.txt, and data1.txt |
|  | Write a command to creates a new sub-directory called 'foo' in /tmp |
|  | Write a command to delete the directory called 'foo' |
|  | Write a command to read all ls command options. |
|  | Write a shell script that allows a user to enter any Internet domain name (host name such as www.cyberciti.biz). Your script should than print out the IP address of the Internet domain name. |
|  | Read variable and print its value |
|  | Script to print currently logged in users information, and current date & time |
|  | Write a script that take command line arguments and print all command line arguments |
|  | Write a script that print date and time separately |
|  | Write a script that prints date information in this order: time, day of week, day number, month, year etc. |
|  | Write a script that takes a filename as a command line argument, and in background uses spell to check the spelling in the file and places the output of spell in a file whose name is original filename prefixed with sp |
|  | Write a script that consider first command line argument as destination file and combine the contain of remaining file given as command line argument in put in destination |
|  | Write a simple shell script where the user enters a pizza parlor bill total. Your script should then display a 10 percent tip. |
|  | Write a simple calculator program that allows user to enter two numeric values and operand.The program should then print out the sum of two numbers. Make sure it works according to entered operand. |
|  | Write a shell script that, given a file name as the argument will count vowels, blank spaces, characters, number of line and symbols. |
|  | Write a script that represents a multi choice question, gets the user’s answer and reports back whether the answer is right, wrong or not one of the choices. |
|  | Write a script that replace all file with small c extension with C extension |
|  | Write a script that count the occurrence of given word in given file |
|  | Write a script that work like calculator |
|  | Write a script that quit when find the first file in which word is not present |
|  | Write a script that takes a login name as a command line argument and wait till it login., send message to the terminal to which it login |
|  | write shellscript for rename all file with lowercase to uppercase in the given directory. |
|  | Write a script that determine type of file and report |
|  | Write a script that read answer until it is not correct |
|  | Write a script that check whether given number is prime or not? |
|  | Write a script to find square root of given number |
|  | Write a shell program to prepare the electricity bill based on following rules:  1) For first 100 units – Rs. 1.00/unit  2) For next 100 units – Rs. 2.00/unit  3) Above 200 units – Rs. 3.00/unit |
|  | Write a shell script to display the result “PASS” or “FAIL” using the information given below: Student name, Student number, marks1, marks2, marks3 and marks4. The minimum pass for each subject is 50. |
|  | Write a menu driven script using the select statement to print calories for food items such as pizza, burger, Salad, Pasta etc. |
|  | Write a shell script that, given a file name as the argument will count English language articles such As 'A', 'An' and 'The'. |
|  | Write a shell script that, given a file name as the argument will write the even numbered line to a file with name evenfile and odd numbered lines in a text file called oddfile. |
|  | Write a shell script to monitor Linux server disk space using a while loop. Send an email alert when percentage of used disk space is >= 90%. |
|  | Write a shell script to determine if an input number is a palindrome or not. A palindromic number is a number where the digits, with decimal representation usually assumed, are the same read backwards, for example, 58285. |
|  | Write a shell program to read a number \*such as 123) and find the sum of digits (1+2+3=6). |
|  | Write a shell program to read a number and display reverse the number. For example, 123 should be printed as as 321. |
|  | Write the shell program which produces a report from the output of ls -l in the following format using the for loop statement |
|  | Write a shell script that will count the number of files in each of your sub-directories using the for loop. |
|  | Write a shell script that accepts two directory names as arguments and deletes those files in the first directory which are similarly named in the second directory. |
|  | Write a shell script to search for no password entries in /etc/passwd and lock all accounts. |
|  | Write a shell program to read two numbers and display all the odd numbers between those two numbers. |
|  | Write a shell command that associates the file descriptor 2 to a file called log.txt and send fd # 2 to a log.txt instead of the screen. Then associates fd # 1 with the file associated with the fd # 2. |
|  | Write a shell script to open /etc/passwd file using fd (input) and copy the same to /tmp/passwd.output file using file descriptor (output). |
|  | Write shellscript for take backup of home directory every 15 minutes. |
|  | Create user-defined functions in a shell script for the following tasks: |
|  | 1. add\_user() - Add a user to the system. |
|  | 2. add\_group() - Add a group to the system. |
|  | 3. change\_password() - Change user password. |
|  | 4. delete\_user() - Remove a user from the system. |
|  | Script using awk command |