

2.0 Linux shell scripting exercises

1. Write a shell script that prints "Shell Scripting is Fun!" on the screen
2. Modify the shell script from exercise 1 to include a variable. The variable will hold the contents of the message "Shell Scripting is Fun!"
3. Write a shell script to add two numbers and print the result. The two numbers should be input by the user.
4. Write a shell script to find the given number is an odd number or even number.
5. Write a shell script to print the multiplication table of a given number upto 15 times.
6. Store the output of the command "hostname" in a variable. Display "This script is running on _." where "_" is the output of the "hostname" command.
7. Write a shell script that displays "man","bear","pig","dog","cat",and "sheep" on the screen with each appearing on a separate line. Try to do this in as few lines as possible.
8. Write a shell script that prompts the user for a name of a file or directory and reports if it is a regular file, a directory, or another type of file. Also perform an ls command against the file or directory with the long listing option.
9. Modify the previous script to that it accepts the file or directory name as an argument instead of prompting the user to enter it.
10. Write a shell script that displays the number of files in the present working directory.
11. Write a shell script that displays the number of files in the specified directory. The directory name should be given as input by the user
12. Write the shell script that renames all files in the current directory that end in ".txt" to begin with today's date in the following format: YYYY-MM-DD. For example, if a file a.txt was in the current directory and today was March 17,2021 it would change name from "a.txt" to "2021-03-17-a.txt"