**Assessment 3– Shell Scripting**

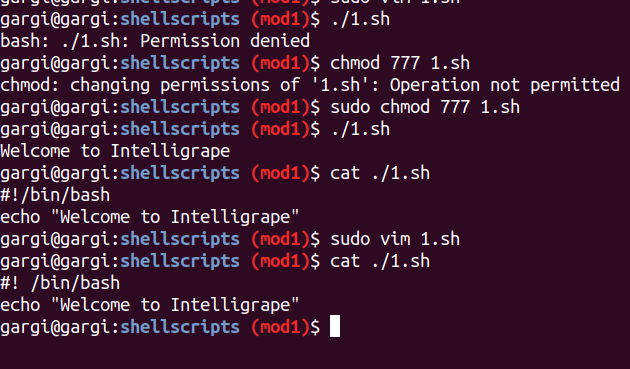
**Trainee Name : Gargi Sharma**

**Mentor Name : Mr. Akansh Gupta**

**College Name : UPES**

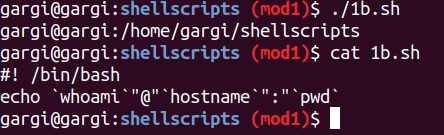
1. (output to terminal)Write a script to print:

a. “Welcome to Intelligrape”



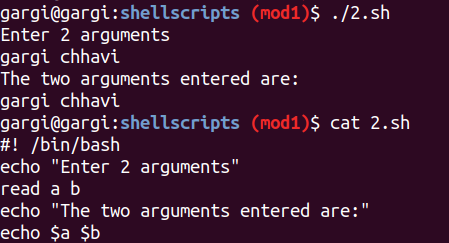
b. <username>@<hostname>:<your present working directory>

ANS.

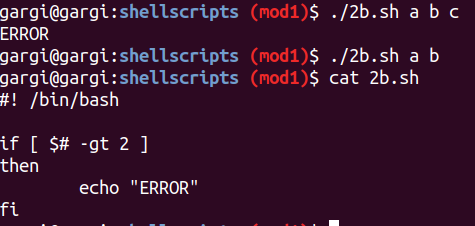


1. Write a script

a. which takes in two arguments and print those arguments

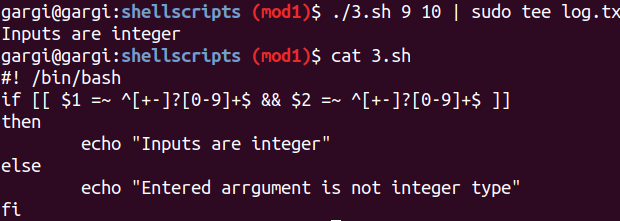


b. which checks the number of arguments passed and if the number is greater than two print ERROR messages along with printing the number of arguments.

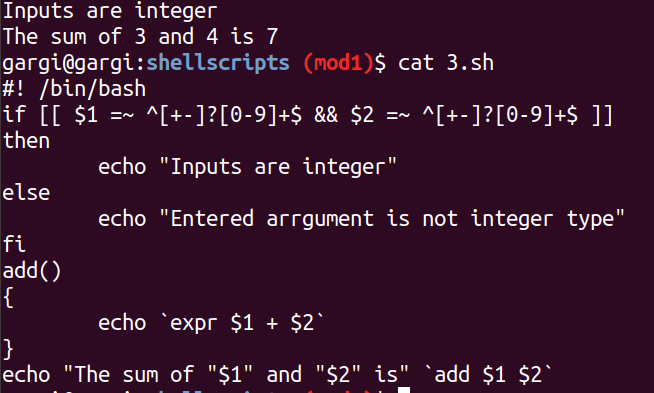


1. Continue with the above script

a. check the two arguments are only integer values and if these are not integers print the proper error on terminal and also log it into a file.



b.perform addition on the two arguments and print result on screen. Use function for this.

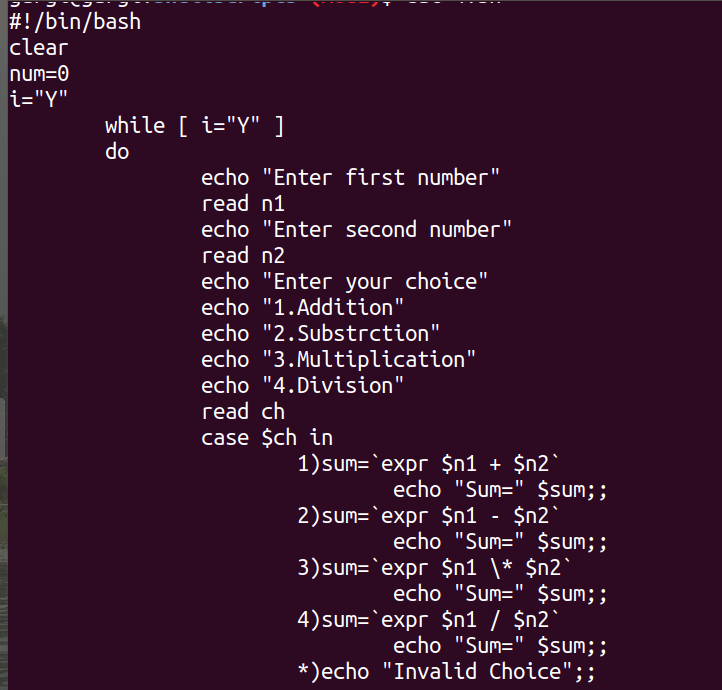


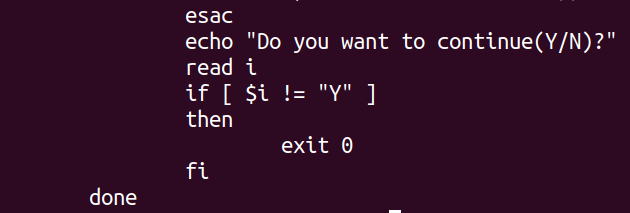
1. Create a calculator using the above script which would perform addition,subtraction,division and multiplication.

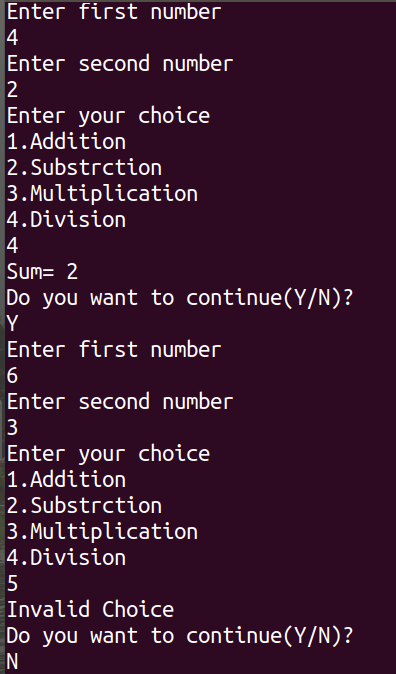
a. the script should ask user which operation the user wants to perform:+,-,\*,/

b. if user enters other than “+.-,\*,/”, print proper message on terminal and keeps on asking for correct input(use while loop to accomplish this).

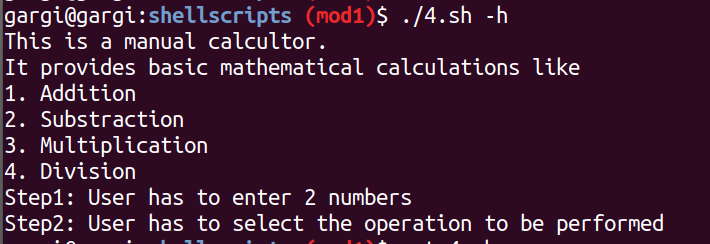
c. Use case statements instead of if.

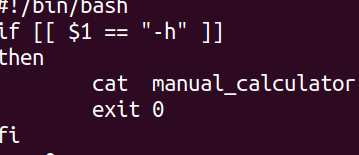




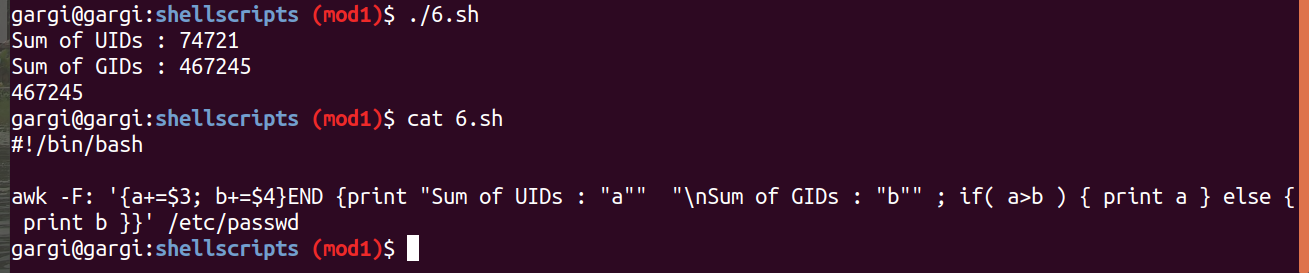


1. Write proper help documentation and print it with -h for the above script.





1. Create a script which takes input of "/etc/passwd" file and find out and print the sum of uids and gids. The script should tell which sum of greater.



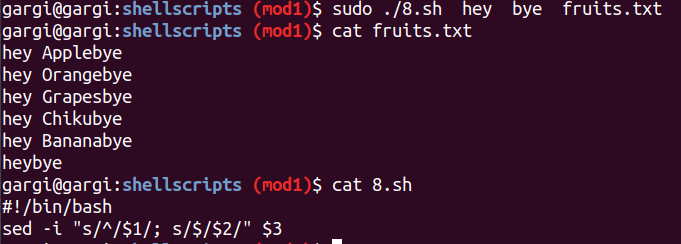
1. A directory contains files and sub-directories. Move files to destination1 and directories to destination2

Create 2 directories :destination1 and destination2

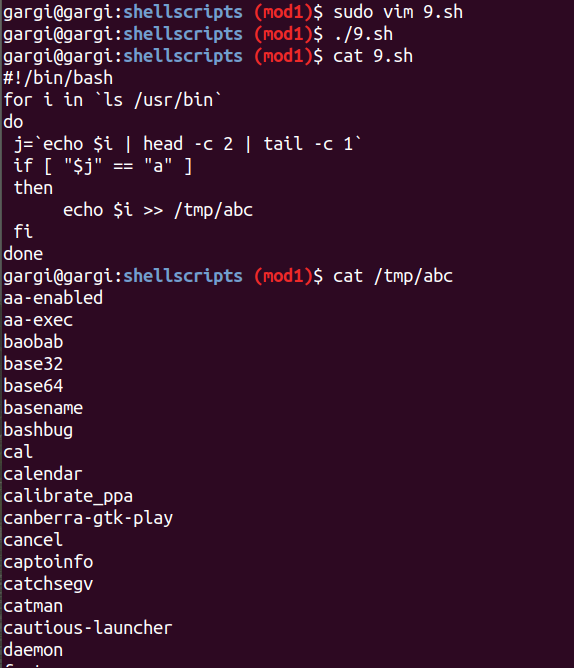


1. Create a script which takes three arguments, appends the first argument to every line in a file and the second argument to the end of every line of the same file.

Create a text file fruits.txt



1. Make a list of files in /usr/bin that have the letter "a" as the second character. Put the result in a temporary file.



1. List all files in your home directory and print name and size in a table format.

