- 1. (output to terminal)Write a script to print:
- a. "Welcome to Intelligrape"

```
Activities 
☐ Terminal 
☐

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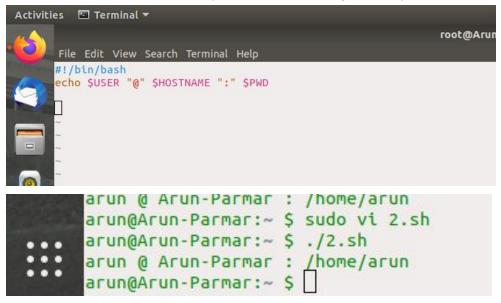
#!/bin/bash
echo "Welcome to Intelligrape";

~

~
```

```
arun@Arun-Parmar:~ $ ./1.sh
arun@Arun-Parmar:~ $ sudo vi 1.sh
arun@Arun-Parmar:~ $ ./1.sh
Welcome to Intelligrape
arun@Arun-Parmar:~ $ []
```

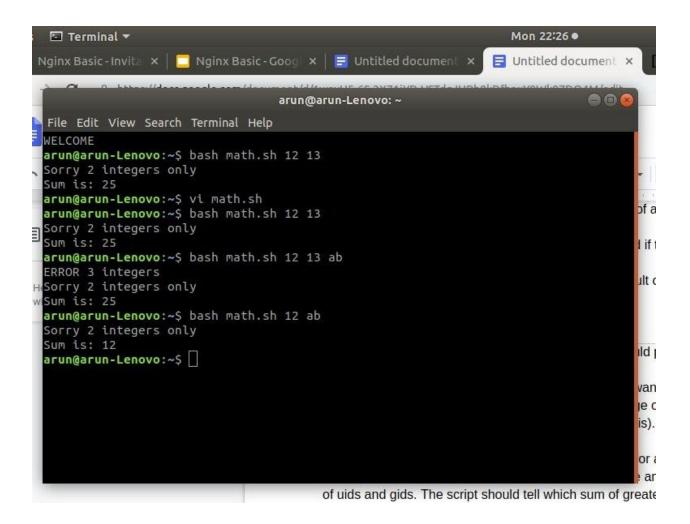
b. <username>@<hostname>:<your present working directory>



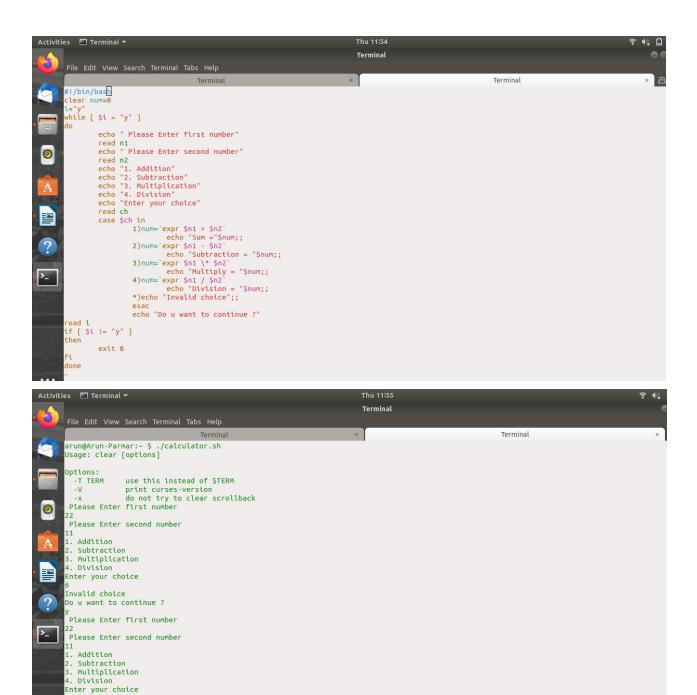
- 2 (arguments)Write a script
- a. which takes in two arguments and print those arguments.
- b. which checks the number of arguments passed and if the number is greater than two print ERROR message along with printing the number of arguments.
- 3. Continue with the above script

- 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.

```
- rerminat
Nginx Basic - Invita 🗴 📘 Nginx Basic - Goog 🗴 📘 Untitled documen 🗴
                                                                     Untitled document x
                                                                                   arun@arun-Lenovo: ~
  File Edit View Search Terminal Help
 if [ $# -gt 2 ]
 echo ERROR $# integers
                                                                                          of ar
 if ! [[ "$scale" =~ ^[0-9]+$ ]]
                                                                                           l if th
          echo "Sorry 2 integers only"
minal
                                                                                           ılt oı
          sum=$(( $1 + $2 ))
 echo "Sum is: $sum"
                                                                                          ild p
                                                                                           vant
                                                                                           ie or
                                                                                           is).
                                                                                           or a
  'math.sh" 16L, 175C
                                                                                          and
```



- 4. 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 statement instead of if.



- 5. Write proper help documentation and print it with -h for above script.
  - To be discussed with mentor

Do u want to continue ? w arun@Arun-Parmar:~ \$ []

6. 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.

```
Activities Terminal Formation of Terminal Help

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Username its news, user id its 9 and group id its 9 and user is 181

Username its news, user id its 10 and group id its 33 and user is 201

Username its news, user id its 33 and group id its 33 and user is 201

Username its news, user id its 33 and group id its 33 and user ids 181

Username its lists, user id its 33 and group id its 33 and user ids 181

Username its lists, user id its 33 and group id its 33 and user ids 181

Username its lists, user id its 34 and group id its 182

Username its its, user id its 34 and group id its 183

Username its gnats, user id its 34 and group id its 183

Username its gnats, user id its 10 and group id its 182 and sun its 781

Username its system-resolve, user id its 100 and group id its 182 and sun its 2021

Username its system-tersolve, user id its 100 and group id its 182 and sun its 2081

Username its system-tersolve, user id its 100 and group id its 182 and sun its 2081

Username its system-tersolve, user id its 100 and group id its 182 and sun its 2081

Username its system-tersolve, user id its 100 and group id its 100 and sun its 2081

Username its newsagebus, user id its 100 and group id its 100 and sun its 2081

Username its newsagebus, user id its 100 and group id its 100 and sun its 2081

Username its user id its 100 and group id its 100 and sun its 2081

Username its user id its 100 and group id its 112 and sun its 2181

Username its user id its 100 and group id its 112 and sun its 2281

Username its rikti, user id its 100 and group id its 112 and sun its 2281

Username its rikti, user id its 100 and group id its 113 and sun its 2281

Username its rikti, user id its 110 and group id its 113 and sun its 2281

Username its rikti, user id its 110 and group id its 110 and sun its 2281

Username its kernoops, user id its 111 and group id its 63534 and sun its 1401

Username its kernoops, user id its 111 and group id its 63534 and sun its 2081

Username its kernoops, user id its 110 and
```

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

```
root@arun-Lenovo:/home# cd ./assign
root@arun-Lenovo:/home/assign# vi nove.sh
root@arun-Lenovo:/home/assign# bash move.sh
root@arun-Lenovo:/home/assign# vi move.sh
root@arun-Lenovo:/home/assign# vi move.sh
root@arun-Lenovo:/home/assign# vi move.sh
mv: cannot stat '*.txt': No such file or directory
mv: cannot stat '*.txt': No such file or directory
root@arun-Lenovo:/home/assign# cd ...
bash: cd: ..: No such file or directory
root@arun-Lenovo:/home/destination1
bash: cd: ./home/destination1: No such file or directory
root@arun-Lenovo:/home# cd ./destination1
root@arun-Lenovo:/home/destination1# cd
assign1.dir assign2.dir
root@arun-Lenovo:/home# cd ./home/destination2
bash: cd: ./home/destination2: No such file or directory
root@arun-Lenovo:/home# cd ./home/destination2
bash: cd: ./home/destination2: No such file or directory
root@arun-Lenovo:/home# cd ./destination2

bash: cd: ./home/destination2# ls
file1.txt file2.txt
root@arun-Lenovo:/home/destination2# ls
file1.txt file2.txt
```

8. Create a script which take three arguments, append first argument to every line in a file and second argument to the end of every line of the same file.

```
root@arun-Lenovo:-# rm append.txt
root@arun-Lenovo:-# cat > append.txt
this
file
ts
here
for
editing
^c
root@arun-Lenovo:-# vi append.sh
root@arun-Lenovo:-# bash append.sh jai hind append.txt
root@arun-Lenovo:-# cat append.txt
jaithishind
jaifilehind
jaifilehind
jaiferehind
jaifor hind
jaiedtinghind
root@arun-Lenovo:-# [
```

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

```
root@arun-Lenovo:-# vi letter.sh
root@arun-Lenovo:-# bash letter.sh
root@arun-Lenovo:-# cat /tmp/abc
aa-enabled
aa-enabled
aa-aexec
aaflip
aalib-config
banner
banner

base32
base32
base64

sase64

sasename
bashbug
carconfig
```

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

