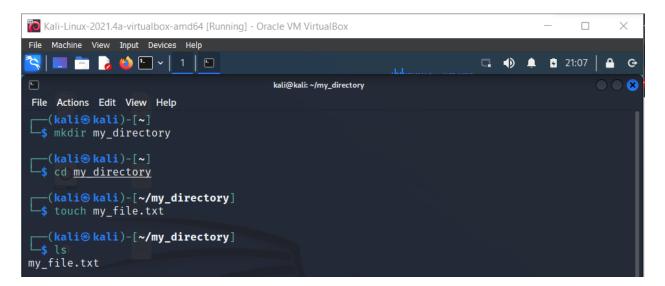
# AYUSH SHARMA 20BCY10174

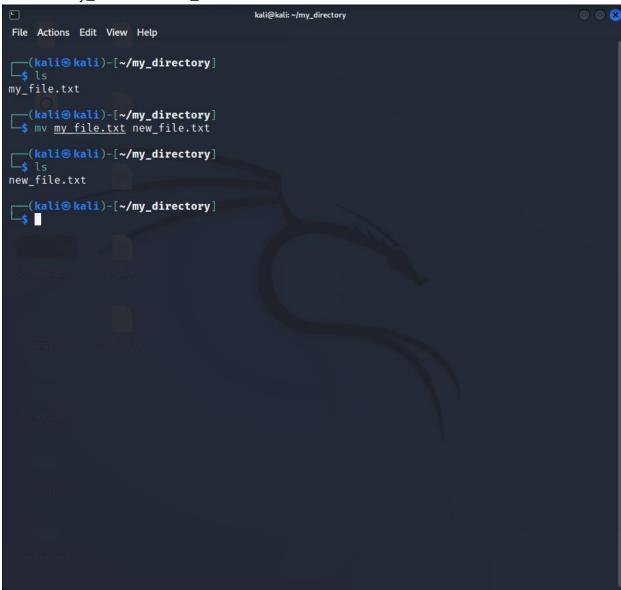
## **Assignment: Bash Shell Basics**

## **Task 1: File and Directory Manipulation**

- 1. Create a directory called "my\_directory".
- 2. Navigate into the "my\_directory".
- 3. Create an empty file called "my\_file.txt".
- 4. List all the files and directories in the current directory.'



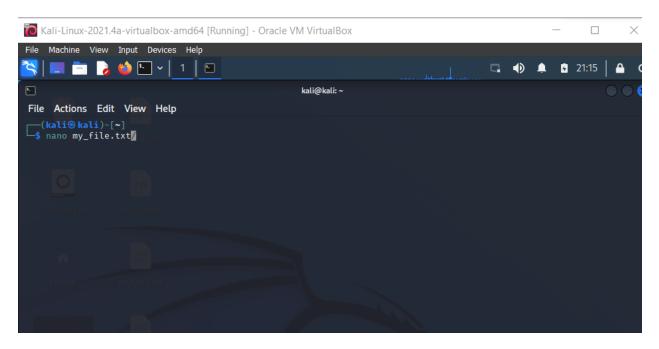
5. Rename "my\_file.txt" to "new\_file.txt".

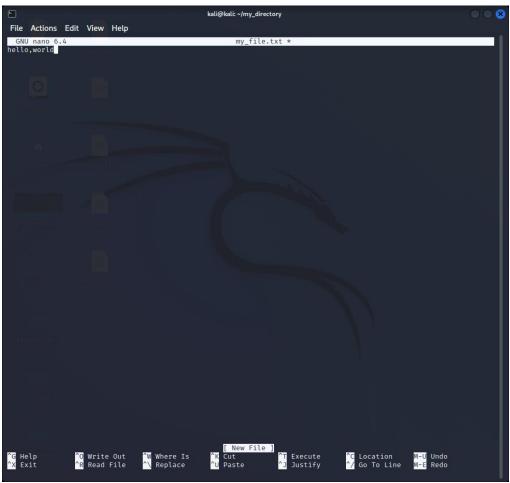


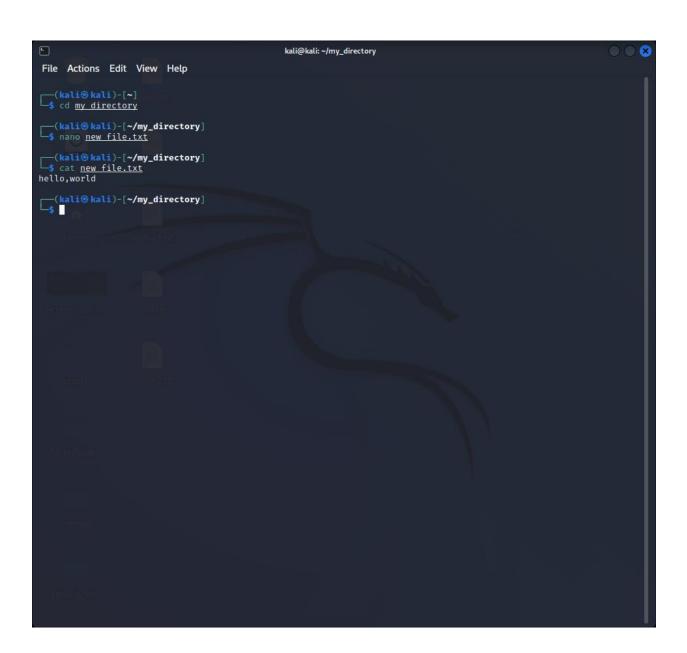
Display the content of "new\_file.txt" using a pager tool of your choice.

```
kali@kali: ~/my_directory
File Actions Edit View Help
___(kali⊛ kali)-[~/my_directory]
my_file.txt
____(kali⊗ kali)-[~/my_directory]
$ mv my file.txt new_file.txt
___(kali⊗ kali)-[~/my_directory]
new_file.txt
___(kali⊗kali)-[~/my_directory]
```

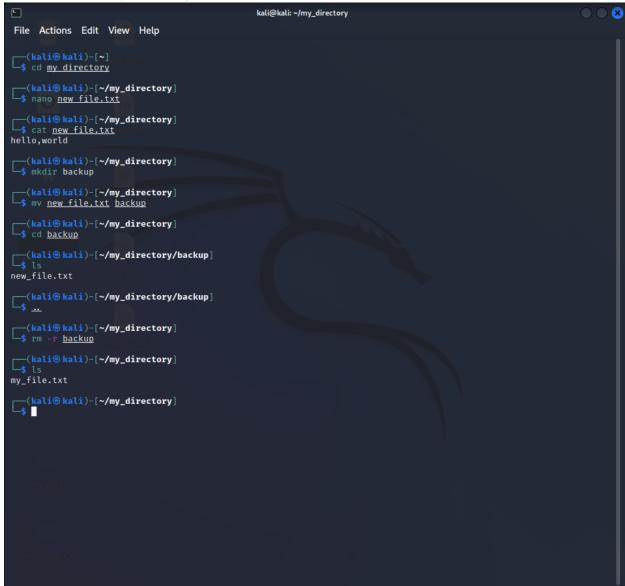
6. Append the text "Hello, World!" to "new\_file.txt".







- 7. Create a new directory called "backup" within "my\_directory".
- 8. Move "new\_file.txt" to the "backup" directory.
- 9. Verify that "new\_file.txt" is now located in the "backup" directory.
- 10. Delete the "backup" directory and all its contents.



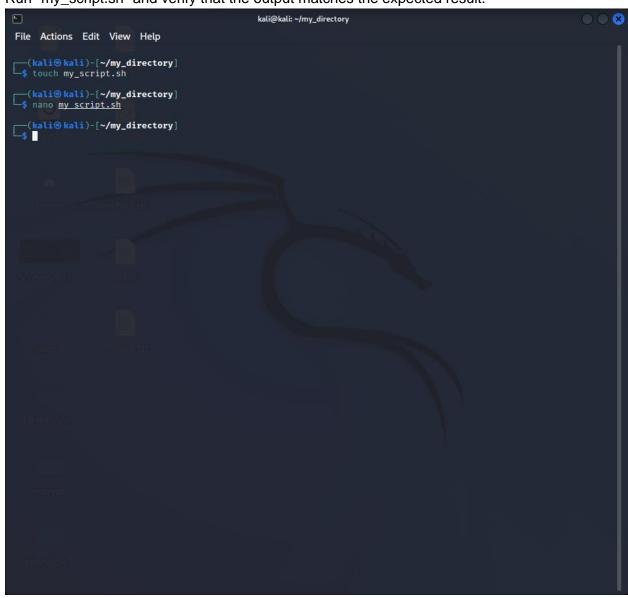
#### Task 2: Permissions and Scripting

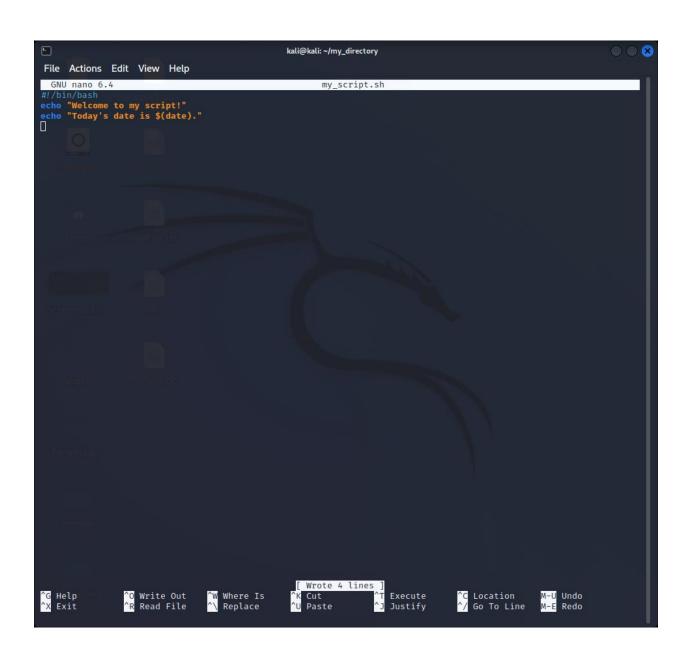
- Create a new file called "my\_script.sh".
- Edit "my\_script.sh" using a text editor of your choice and add the following lines:

#### bash

# #!/bin/bash echo "Welcome to my script!" echo "Today's date is \$(date)." Save and exit the file.

- Make "my\_script.sh" executable.
- Run "my\_script.sh" and verify that the output matches the expected result.





```
kali@kali: ~/my_directory
 File Actions Edit View Help
(kali@ kali)-[~/my_directory]
$ touch my_script.sh
(kali@kali)-[~/my_directory]
square nano my script.sh
(kali@kali)-[~/my_directory]
schmod +x my script.sh
(kali@ kali)-[~/my_directory]
$ ./my_script.sh
Welcome to my script!
Today's date is Wed Jun 7 09:27:04 PM EDT 2023.
__(kali⊗ kali)-[~/my_directory]
```

## **Submission:**

Provide a document or text file containing the commands used to complete the tasks above, along with any relevant output or screenshots. Include your explanations or observations where necessary.