Assignment: Bash Shell Basics

Task 1: File and Directory Manipulation

1. Create a directory called "my_directory".
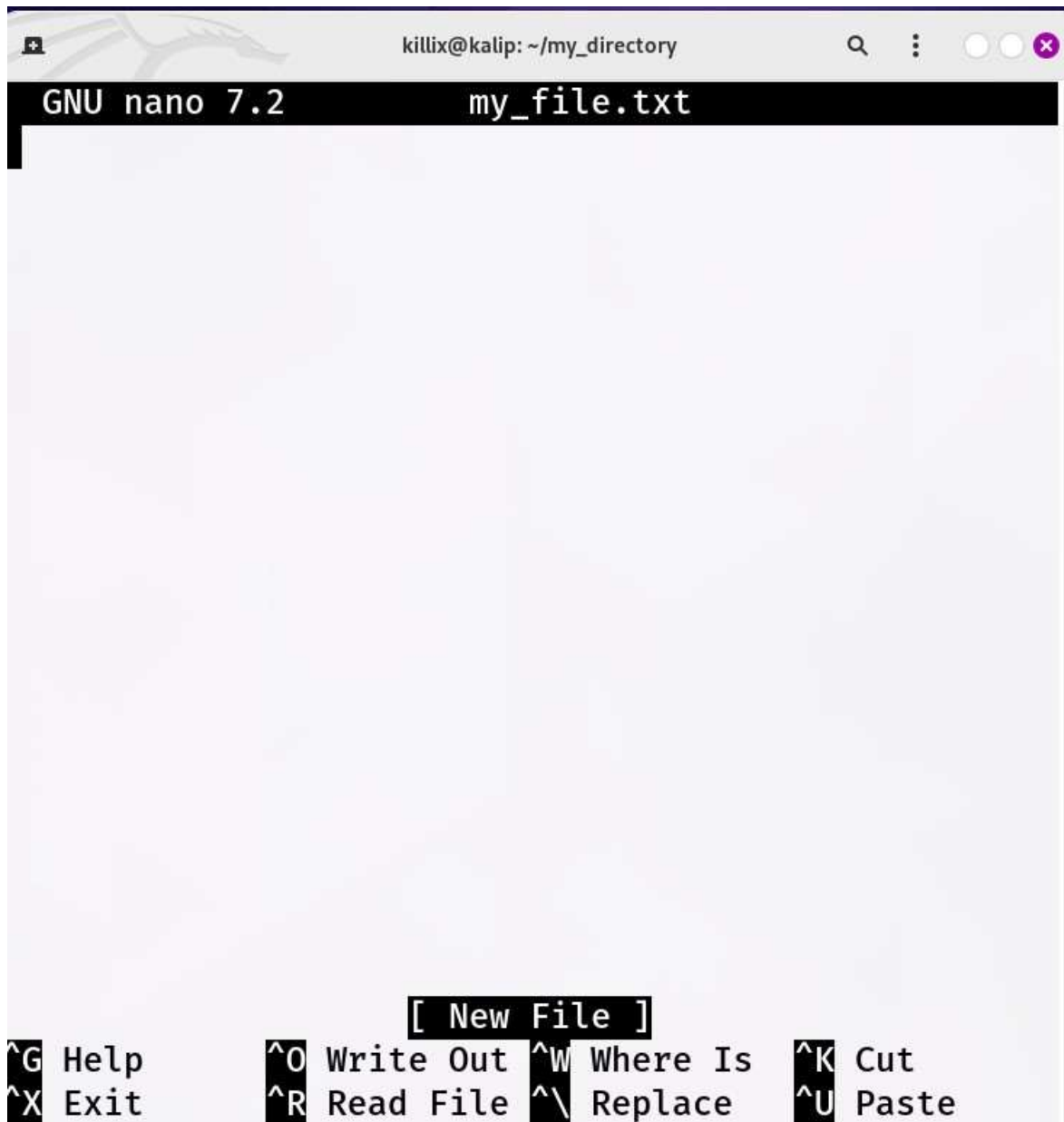
```
┌──(killix㉿ kalip)-[~]
└─$ mkdir my_directory
```

2. Navigate into the "my_directory".
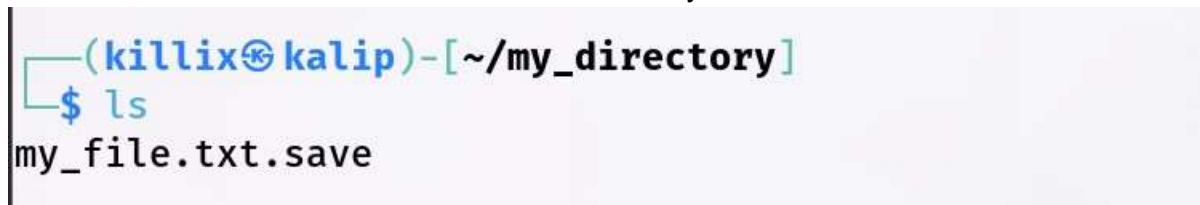
```
┌──(killix㉿ kalip)-[~]
└─$ cd my_directory
```

3. Create an empty file called "my_file.txt".

```
┌──(killix㉿ kalip)-[~/my_directory]
└─$ nano my_file.txt
```

4. List all the files and directories in the current directory.

5. Rename "my_file.txt" to "new_file.txt".

```
┌──(killix㊚kalip)-[~/my_directory]
└─$ mv my_file.txt.save  new_file.txt.save

┌──(killix㊚kalip)-[~/my_directory]
└─$ ls
new_file.txt.save
```
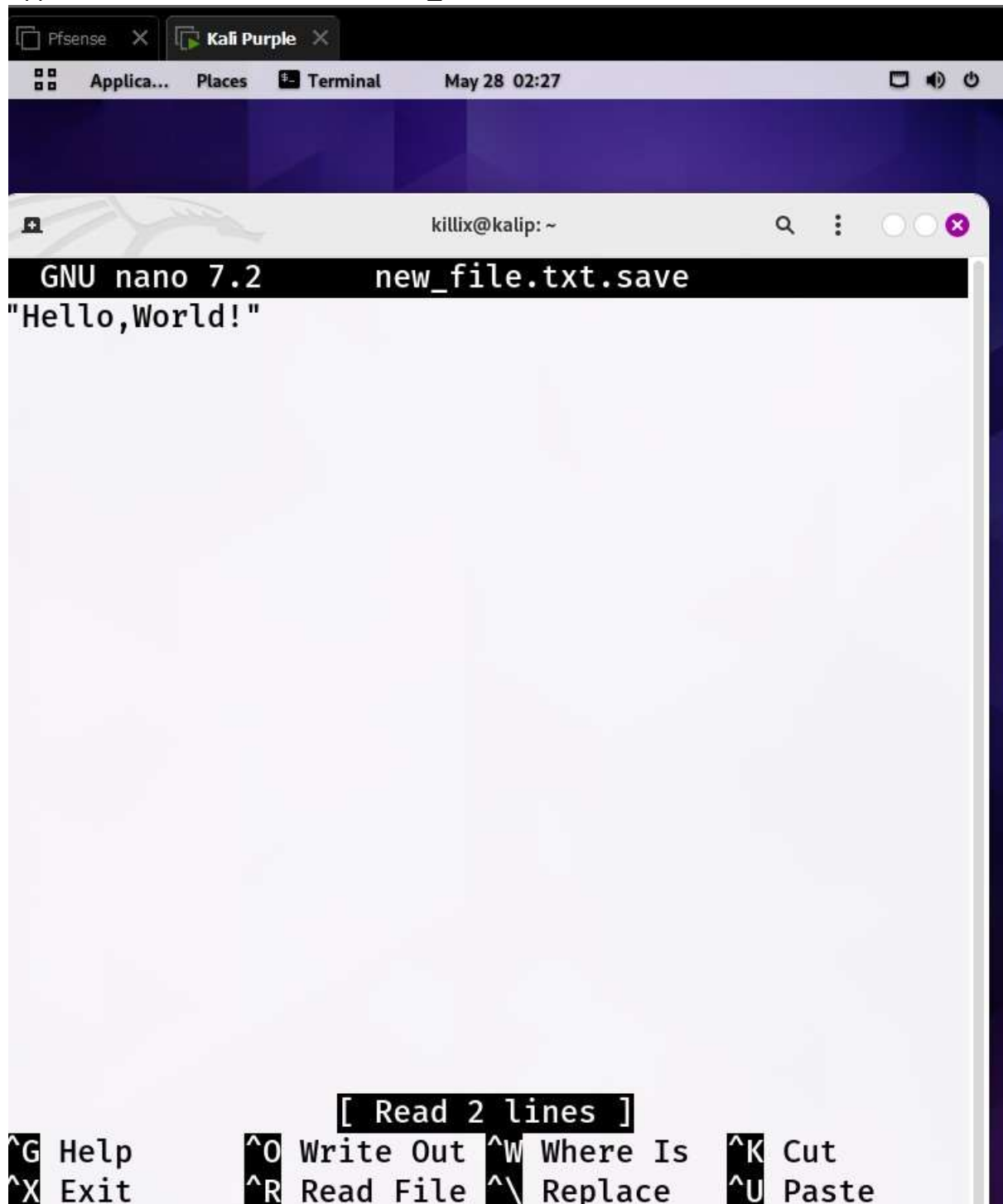
6. Display the content of "new_file.txt" using a pager tool of your choice.
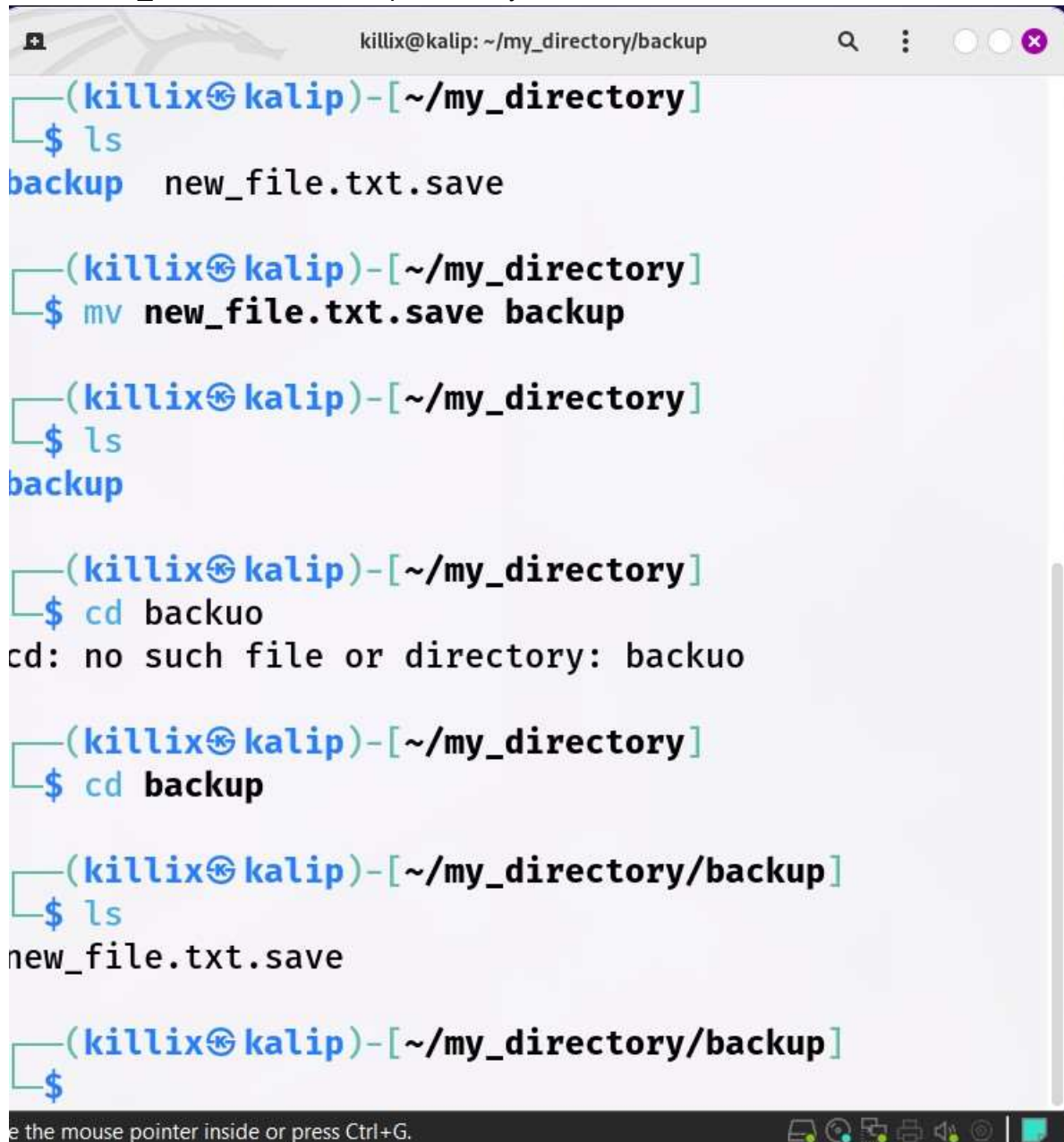
7. Append the text "Hello, World!" to "new_file.txt".

8. Create a new directory called "backup" within "my_directory".
9. Move "new_file.txt" to the "backup" directory.

```
┌──(killix㉿kalip)-[~/my_directory]
└─$ ls
backup   new_file.txt.save

┌──(killix㉿kalip)-[~/my_directory]
└─$ mv new_file.txt.save backup

┌──(killix㉿kalip)-[~/my_directory]
└─$ ls
backup

┌──(killix㉿kalip)-[~/my_directory]
└─$ cd backuo
cd: no such file or directory: backuo

┌──(killix㉿kalip)-[~/my_directory]
└─$ cd backup

┌──(killix㉿kalip)-[~/my_directory/backup]
└─$ ls
new_file.txt.save

┌──(killix㉿kalip)-[~/my_directory/backup]
└─$
```

10. Verify that "new_file.txt" is now located in the "backup" directory.

11. Delete the "backup" directory and all its contents.

```
┌──(killix㉿kalip)-[~/my_directory/backup]
└─$ cd ..

┌──(killix㉿kalip)-[~/my_directory]
└─$ ls
backup

┌──(killix㉿kalip)-[~/my_directory]
└─$ rm -rf backup

┌──(killix㉿kalip)-[~/my_directory]
└─$ ls

┌──(killix㉿kalip)-[~/my_directory]
└─$
```