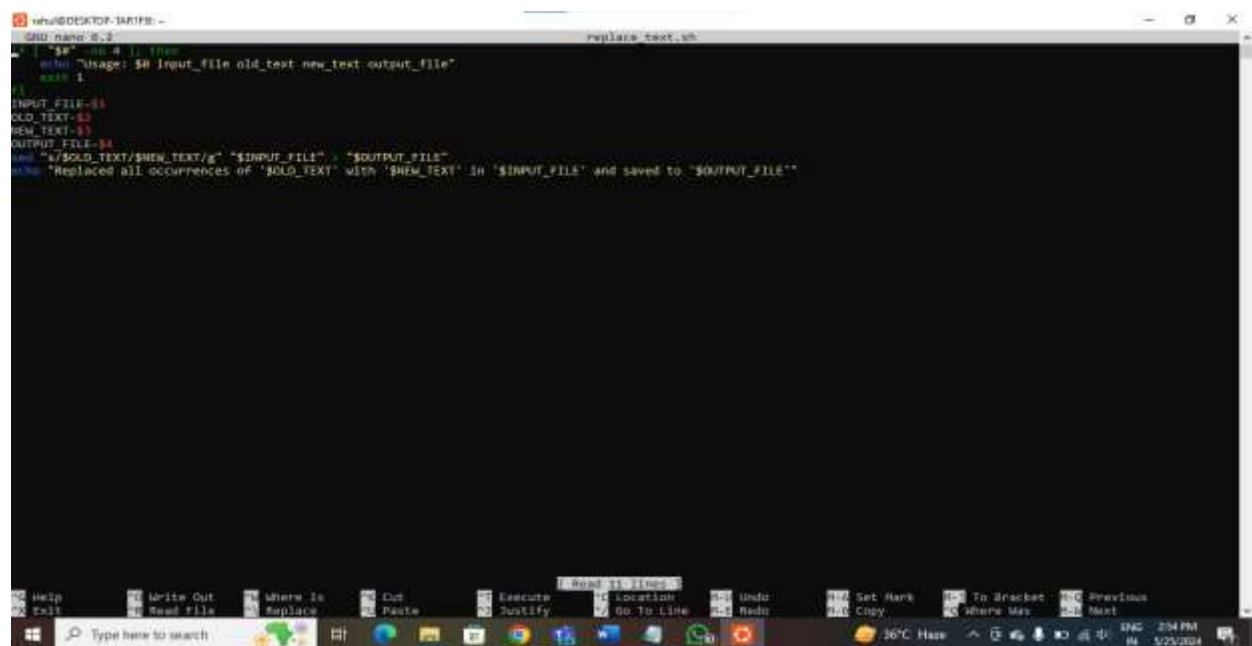


- ❖ **Assignment 7:** Create a script that takes a text file and replaces all occurrences of "old_text" with "new_text". Use sed to perform this operation and output the result to a new file.

```
nano replace_text.sh
if [ "$#" -ne 4 ]; then
    echo "Usage: $0 input_file old_text new_text output_file"
    exit 1
fi
INPUT_FILE=$1
OLD_TEXT=$2
NEW_TEXT=$3
OUTPUT_FILE=$4
sed "s/$OLD_TEXT/$NEW_TEXT/g" "$INPUT_FILE" > "$OUTPUT_FILE"
echo "Replaced all occurrences of '$OLD_TEXT' with '$NEW_TEXT' in '$INPUT_FILE' and saved to '$OUTPUT_FILE'"
chmod +x replace_text.sh
./replace_text.sh input_file.txt old_text new_text output_file.txt
```

```
rahul@DESKTOP-TAR1F8I:~$ ls
DESKTOP DOWNLOADS Rahul TestDir TestDir1 assignment1.txt class.txt errors.log log_processing rahul.txt
rahul@DESKTOP-TAR1F8I:~$ nano replace_text.sh
```



PRESS CTRL + O , THEN PRESS ENTER, THEN PRESS CTRL + X

```
rahul@DESKTOP-TAR1F8I:~$ chmod +x replace_text.sh
rahul@DESKTOP-TAR1F8I:~$ ./replace_text.sh input_file.txt old_text new_text output_file.txt
sed: can't read input_file.txt: No such file or directory
Replaced all occurrences of 'old_text' with 'new_text' in 'input_file.txt' and saved to 'output_file.txt'
rahul@DESKTOP-TAR1F8I:~$ nano replace_text.sh
rahul@DESKTOP-TAR1F8I:~$
```