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.

```
# Check if the correct number of arguments is provided if [
"$#" -ne 4 ]; then     echo "Usage: $0 input_file old_text
new_text output_file"
   exit 1 fi
 # Assign input arguments to variables
INPUT_FILE=$1
OLD_TEXT=$2
NEW_TEXT=$3
OUTPUT_FILE=$4
 # Use sed to replace all occurrences of old_text with new_text sed
"s/$OLD_TEXT/$NEW_TEXT/g" "$INPUT_FILE" > "$OUTPUT_FILE"
 # Print a message indicating the operation is complete echo "Replaced all occurrences of
'$OLD_TEXT' with '$NEW_TEXT' in '$INPUT_FILE' and saved
```

output:-

```
DEBUG: Directory 'TestDirNew1' created or already exists.
DEBUG: Changed to directory 'TestDirNew1'.
DEBUG: File 'File1.txt' created with content 'File1.txt'.
DEBUG: File 'File2.txt' created with content 'File2.txt'.
DEBUG: File 'File3.txt' created with content 'File3.txt'.
DEBUG: File 'File4.txt' created with content 'File4.txt'.
DEBUG: File 'File5.txt' created with content 'File5.txt'.
```

DEBUG: File 'File6.txt' created with content 'File6.txt'.

DEBUG: File 'File7.txt' created with content 'File7.txt'.

DEBUG: File 'File8.txt' created with content 'File8.txt'.

DEBUG: File 'File9.txt' created with content 'File9.txt'.

DEBUG: File 'File10.txt' created with content 'File10.txt'.

Files created successfully in TestDirNew1.