

## Day 7

**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.**

**A)**

```
# 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.