

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
```