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.

ANS:

```
# 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
```

ScreenShort:

```
~$ cd New
~/New$ # Check if the correct number of arguments is provided
~/New$ if [ "$#" -ne 4 ]; then
>      echo "Usage: $0 input_file old_text new_text output_file"
>      exit 1
> fi
Usage: /bin/bash input_file old_text new_text output_file
exit


[Process completed - press any key]

~$
~$ input_file=$1
~$ old_text=$2
~$ new_text=$3
~$ output_file="output_${input_file}"
~$
~$ # Use sed to replace all occurrences of old_text with new_text and save to a new file
~$ sed "s/${old_text}/${new_text}/g" "$input_file" > "$output_file"
sed: can't read : No such file or directory
~$
~$ # Notify the user of the operation completion
~$ echo "All occurrences of '${old_text}' have been replaced with '${new_text}' in the file '${input_file}'."
All occurrences of '' have been replaced with '' in the file ''.
~$ echo "The result has been saved to '${output_file}'."
The result has been saved to 'output_'.
~$
```