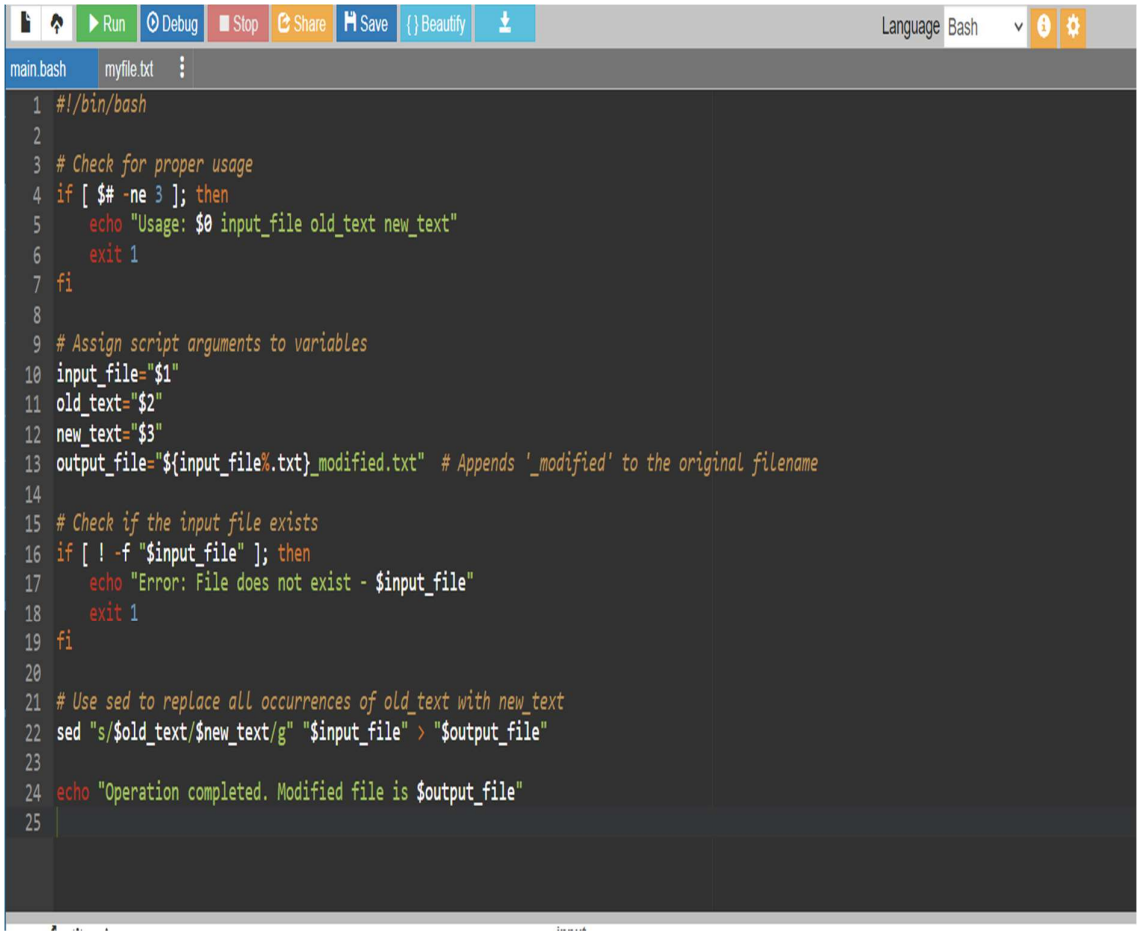
Assignment 7: Create a script that takes a text file and replaces all occurrences of "old_text" with "new_text". Use sed to perform this operation and output the result to a new file

Ans:

Script:

```
#!/bin/bash
if [ $# -ne 3 ]; then
   echo "Usage: $0 input_file old_text new_text"
   exit 1
fi
input_file="$1"
old_text="$2"
new_text="$3"
output_file="${input_file%.txt}_modified.txt"
if [ ! -f "$input_file" ]; then
   echo "Error: File does not exist - $input_file"
   exit 1
fi
sed "s/$old_text/$new_text/g" "$input_file" > "$output_file"
echo "Operation completed. Modified file is $output_file"
```

Snapshots:


Run
Debug
Stop
Share
Save
{} Beautify
Language
Bash
main.bash
myfile.txt
#!/bin/bash
# Check for proper usage
if [$# -ne 3]; then
echo "Usage: $0 input_file old_text new_text"
exit 1
fi
# Assign script arguments to variables
input_file="$1"
old_text="$2"
new_text="$3"
output_file="${input_file%.txt}_modified.txt" # Appends '_modified' to the original filename
# Check if the input file exists
if [! -f "$input_file"]; then
echo "Error: File does not exist - $input_file"
exit 1
fi
Use sed to replace all occurrences of old_text with new_text
sed "s/$old_text/$new_text/g" "$input_file" > "$output_file"
echo "Operation completed. Modified file is $output_file"