

Create a shell script `cout_lines`

```
MINGW64:/c/Users/289245/Desktop/test
USTR+289245@84C31J3 MINGW64 ~/Desktop/test
$ nano cout_lines
```

```
MINGW64:/c/Users/289245/Desktop/test
GNU nano 5.9
#!/bin/bash

if [ "$#" -lt 2 ]; then
    echo "Usage: $0 <word> <file1> [file2 ...]"
    exit 1
fi

WORD="$1"
shift # Shift to get the file list

for FILE in "$@"; do
    if [ -f "$FILE" ]; then
        COUNT=$(grep -c -- "$WORD" "$FILE")
        echo "$FILE: $COUNT line(s) contain the word '$WORD'"
    else
        echo "$FILE: File not found"
    fi
done
```

Give permissions to the script

```
MINGW64:/c/Users/289245/Desktop/test
USTR+289245@84C31J3 MINGW64 ~/Desktop/test
$ chmod +x cout_lines
```

Create 2 text files to give as the input to the script

```
USTR+289245@84C31J3 MINGW64 ~/Desktop/test
$ cat <<EOF > file1.txt
> An error occurred in the system.
> Everything is fine now.
> Another error was logged.
> EOF

USTR+289245@84C31J3 MINGW64 ~/Desktop/test
$ cat file1.txt
An error occurred in the system.
Everything is fine now.
Another error was logged.
```

```
MINGW64:/c/Users/289245/Desktop/test
USTR+289245@84C31J3 MINGW64 ~/Desktop/test
$ cat <<EOF > file2.txt
> No issues were detected.
> This line mentions ERROR in caps.
> Minor error found in log.
> EOF

USTR+289245@84C31J3 MINGW64 ~/Desktop/test
$ cat file2.txt
No issues were detected.
This line mentions ERROR in caps.
Minor error found in log.
```

Execute the script and give the text files as the input

```
MINGW64:/c/Users/289245/Desktop/test
USTR+289245@84C31J3 MINGW64 ~/Desktop/test
$ ./cout_lines error file1.txt file2.txt
file1.txt: 2 line(s) contain the word 'error'
file2.txt: 1 line(s) contain the word 'error'
```