

## Question1

I have created count\_word\_lines.sh for script code and file1.txt and file2.txt text files

Next I have given permission

Then executed the .sh file with text files

First I took word Word to check as it is not there it shows 0

Next I given Warangal word as it is in both files it gives count of the word

```
USTR+289244@7RYK0F3 MINGW64 ~  
$ cd Desktop/  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop  
$ cd shell/  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop/shell  
$ nano count_word_lines  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop/shell  
$ nano file1.txt  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop/shell  
$ nano file2.txt  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop/shell  
$ nano count_word_lines.sh  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop/shell  
$ chmod +x count_word_lines.sh  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop/shell  
$ ./count_word_lines.sh word file1.txt file2.txt  
The word 'word' appears in 0 lines of file1.txt.  
The word 'word' appears in 0 lines of file2.txt.  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop/shell  
$ ./count_word_lines.sh Warangal file1.txt file2.txt  
The word 'Warangal' appears in 2 lines of file1.txt.  
The word 'Warangal' appears in 1 lines of file2.txt.  
  
USTR+289244@7RYK0F3 MINGW64 ~/Desktop/shell  
$
```

```
GNU nano 5.9 count_wor
#!/bin/bash

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

search_word=$1
shift

for file in "$@"; do
    if [ -f "$file" ]; then
        count=$(grep -i -w "$search_word" "$file" | wc -l)
        echo "The word '$search_word' appears in $count lines of $file."
    else
        echo "File $file does not exist."
    fi
done
```