

Assignment 3

Create a function that takes a filename as an argument and prints the number of lines in the file. Call this function from your script with different filenames.

ANS:

Function to count the number of lines in a file

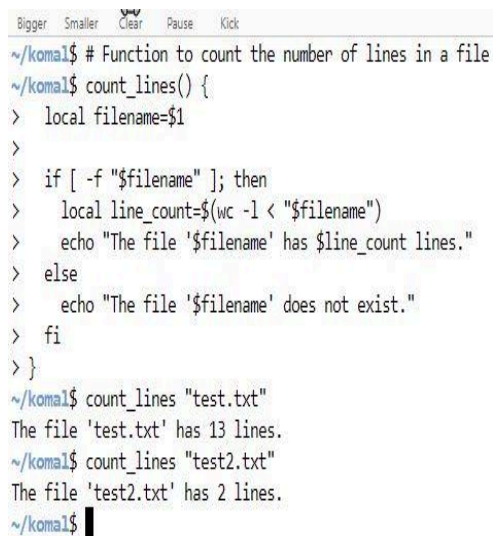
```
count_lines() {  
    local filename=$1  
  
    if [ -f "$filename" ]; then  
        local line_count=$(wc -l < "$filename")  
        echo "The file '$filename' has $line_count lines."  
    else  
        echo "The file '$filename' does not exist."  
    fi  
}
```

Call the function with different filenames

count_lines "file1.txt"

count_lines "file2.txt"

count_lines "file3.txt"



A terminal window with a light gray background and a dark blue prompt. At the top, there are icons for 'Bigger', 'Smaller', 'Clear', 'Pause', and 'Kick'. The terminal shows the following commands and output:

```
~/koma1$ # Function to count the number of lines in a file  
~/koma1$ count_lines() {  
> local filename=$1  
>  
> if [ -f "$filename" ]; then  
>     local line_count=$(wc -l < "$filename")  
>     echo "The file '$filename' has $line_count lines."  
> else  
>     echo "The file '$filename' does not exist."  
> fi  
> }  
~/koma1$ count_lines "test.txt"  
The file 'test.txt' has 13 lines.  
~/koma1$ count_lines "test2.txt"  
The file 'test2.txt' has 2 lines.  
~/koma1$
```

Hello this is my test file.

test:1

test:2

test:3

test:4

test:5

test:6

test:7

test:8

test:9

test:10

Done

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"test.txt" 131 105B