

Assignment 3:

```
# 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"
```

```
mohana@LAPTOP-C6DK3IAD:~$ ls
class.text class.txt mohana mohana.txt msen test.txt
mohana@LAPTOP-C6DK3IAD:~$ count_lines() {
    filename="$1"
    if [ -f "$filename" ]; then
        lines=$(wc -l < "$filename")
        echo "Number of lines in $filename: $lines";
    else
        echo "$filename does not exist.";
    fi
}
mohana@LAPTOP-C6DK3IAD:~$ count_lines "mohana.txt";
count_lines "class.txt";
Number of lines in mohana.txt: 0
count_lines class.txt: command not found
mohana@LAPTOP-C6DK3IAD:~$ |
```