

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.

```
#!/bin/bash

# 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"
```

Output:

The file 'file1.txt' has 10 lines.

The file 'file2.txt' does not exist.

The file 'file3.txt' has 5 lines.